



QCWA, Inc.

1409 Cooper Drive
IRVING, TX 75061



Founded 1947

QCWA INTERNATIONAL
ON-THE-AIR MEETINGS

Sundays, 2000 UTC

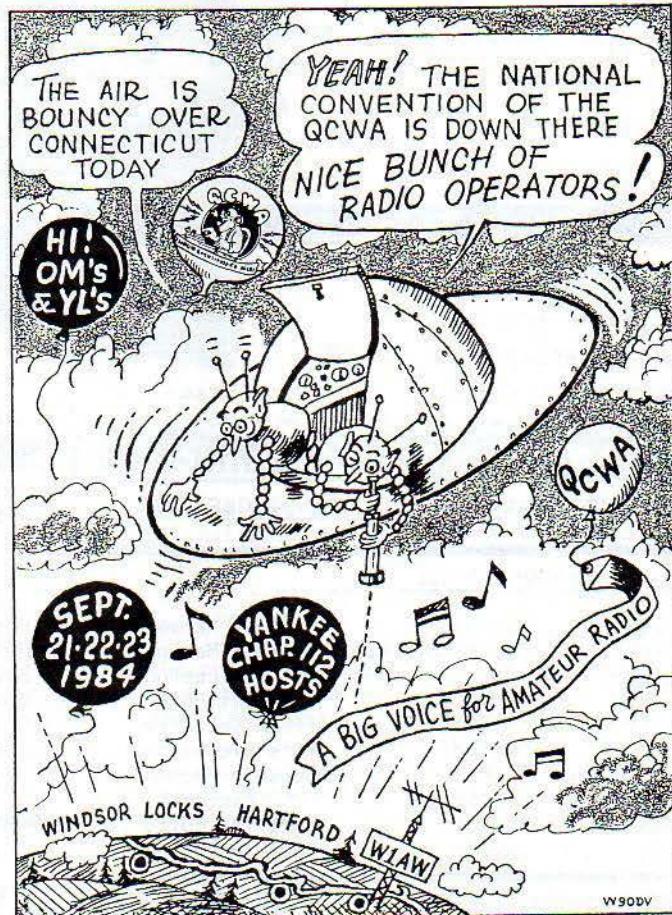
14347 kHz

Net Control, W6FQ

Wednesdays, 2400 UTC

7035 kHz

Net Controls, W2JBL/W9CV



QCWA 1984 CONVENTION FUN

QCWA NEWS

VOLUME 33, NUMBER 4

WINTER, 1984

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

Volume 33, No. 4

Winter, 1984

QUARTER CENTURY WIRELESS ASSOCIATION

OFFICERS 1984-1985

Stuart Meyer, W2GHK	President
Leland Smith, W5KL	Vice President
James Walsh W7LVN	Secretary
Wes Randles W4COW	Treasurer

DIRECTORS

Ethel Smith, K4LMB
Leo Meyerson, WØGFQ
Arthur Kay, W5APX
Gerhard Jacoby, DL3ME
Harry Dannals, W2HD
Lew McCoy, W1ICP
Esther Given, W6BDE
Wade Holland, W4AZT
Hugh Winter, W5HD
John Kanode, N4MM

What's Inside

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READ ALL THE NEWS-MANY IMPORTANT NOTICES HEREIN	

HEADQUARTERS STAFF

Ted Heithecker	W5EJ	General Manager
Rollie Terrill	W5RC	Assistant General Manager
J. R. Neelands	W6DLL	Books and Publications
Harry Neben	W9QB	Funtest Editor
Nadine Wells	W5ZUT	Office Secretary
Cindy Jones	W9ZPD	YL's Viewpoints
Clarence King, Jr.	K6HPW	Life Membership Records
Joseph E. Ash	W90DV	Cartoonist
John Champa	K8OCL	Satellite Editor
Herb Lipson	W8FBH	Computer Editor

QCWA NEWS, Published by QUARTER CENTURY WIRELESS ASSOCIATION, INC., 1409 Cooper Drive, Irving, TX 75061, under authority of the Board of Directors.

Edited by: Ted Heithecker, W5EJ

Mailed as 3rd class material, Dallas, Texas, Permit number 8167.

QUARTER CENTURY WIRELESS ASSOCIATION WAS FOUNDED DECEMBER 5, 1947, AND IS INCORPORATED IN THE STATE OF NEW YORK, AS A NOT-FOR-PROFIT ORGANIZATION.

Permission to reprint is granted. Credit QCWA & authors, where identified.

QCWA HONOR AWARDS

QCWA HALL OF FAME

1979	Mr. Ray Meyers, W6MLZ
1980	Mr. Bill Halligan, W9AC
1981	Mr. Barry Goldwater, K7UGA
1982	Mr. Jean-B. Wolff, LX1JW
1983	Mr. Don Wallace, W6AM

JOHN DiBLASI AWARD

1984	Mr. Hal Sears, W5NC
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ROLL OF HONOR

1980	Mr. John DiBlasi, W2FX
	Mr. Gus Gironda, W2JE

MEMBER OF THE YEAR

1979	Mr. Ed Trombley, W8CAM
	Mr. M. W. McRae, W9RC
1980	Mr. Lew Sieck, K4NE
1981	Mr. Herb Gleed, W6FQ
1983	Mr. Bert Gunn, W5FU

PAST PRESIDENTS

John DiBlasi, W2FX*	1947-1964
Earl R. Thomas, W2MM*	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981

EXECUTIVE SECRETARY/GENERAL MANAGERS

Ralph G. Barber, W2ZM*	1955-1964
Gus Gironda, W2JE	1965-1973
Ethel Smith, K4LMB	1974-1976

HONORARY MEMBERS

George Sterling, W1AE	Peaks Island, Maine
Herbert Hoover, Jr., W6ZH*	San Marino, CA
Paul Godley, 2ZE*	Great Notch, NJ
Richard E. Wiley	Arlington, Virginia
Rosel H. Hyde	Washington, D. C.
Col. W. J. Baird	Alexandria, Virginia
Robert E. Lee	Washington, D. C.

*Deceased

BOARD OF DIRECTORS APPOINTEES

Onie Woodward, W1ZEN	Activities Manager
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QCWA will publish a new membership directory early in 1985. Members in good standing as of December 31, 1984, will be included. Make certain your dues are current. The mailing label on this issue of QCWA NEWS must have a date DEC84 or later, or be designated (LIF). If not, get your dues in before the 51st!

THE EDITORS CATCH-ALL

WE ARE REPEATING THE REQUEST MADE IN THE SUMMER ISSUE OF QCWA NEWS TO CANADIAN MEMBERS OF QCWA. PLEASE FILL OUT THE QUESTIONNAIRE BELOW AND RETURN IT TO HEADQUARTERS. THE QCWA BOARD OF DIRECTORS NEEDS YOUR INPUT IN ORDER TO ACT IN THE INTERESTS OF THE MAJORITY OF CANADIAN MEMBERS!

CANADIAN MEMBER QUESTIONNAIRE

Member _____, Call _____

Address _____ Street _____ City _____ Province _____ Zip _____

I FAVOR CANADIAN MEMBERSHIP RE-CLASSIFICATION TO INTERNATIONAL WITH LOWER DUES STRUCTURE AND WITH LOSS OF QCWA PUBLICATIONS.

YES NO

QCWA Apologizes for a typographical error which occurred in the Summer, 1984 issue of QCWA NEWS, Volume 33, No. 2, page 40. Participant #48 was listed as K4KKM when the correct call which should have been listed was W8KKM!

1985 ELECTION NOMINATIONS DUE BY DEC. 31, 1984

The QCWA Nominating Committee has provided us with a slate of candidates. Chapters and Members have the responsibility to make nominations by petition bringing in new candidates for office. Petitions require signatures of 50 members and must be sent to QCWA Secretary Walsh no later than Dec 31, 1984. Line up good candidates and nominate them now!

HIGH-LIGHTS OF HQ ACTIVITIES

JANUARY

Jan 1, All candidate nominations at HQ for FEB QCWA NEWS

Jan 5, Deadline material for QCWA NEWS

Jan 25, QCWA NEWS TO PTR

FEBRUARY

Feb 15, Publish QCWA NEWS

MARCH

Mar 1, Determine eligibility of all candidates

Mar 5, All candidate bio-material at HQ

Mar 10, Deadline material for QCWA NEWS

APRIL

Apr 20, May News to PTR

MAY

May 10, Publish QCWA NEWS

May 15, Ballots in mail*

JUNE Dec 31, Membership petition deadline to SCTY.*

*Absolute deadline date. All others subject to minor changes as required.

Officers - Directors

STUART MEYER, W2GHK, President 2417 Newton Street, Vienna, VA 22180	703 281 3806
LELAND SMITH, W5KL, Vice President Route 3, Box 115, Jasper, AR 72641	501 428 5967
JIM WALSH, W7LVN, Secretary 159 East 16th Street, Eugene, OR 97401	503 344 3321
WESLEY RANDLES, W4COW, Treasurer CR-SH, Box 74, Stoddard, NH 03464	603 446 3492
ETHEL SMITH, K4LMB, Director 2012 Rockingham Street, McLean, VA 22101	703 536 8469
LEO MEYERSON, WØGFQ, Director 3415 West Broadway, Council Bluffs, IA 51520	712 323 1851
GERHARD JACOBY, DL3ME, Director Widdersberger Str 40 D-8138 Andechs, FRG	0 81 52/60 09
HARRY DANNALS, W2HD, Director 16 Arbor Lane, Dix Hills, LI, NY 11746	516 549 5131
LEW MCCOY, W1ICP, Director 200 Idaho Street, Silver City, NM 88061	505 388 4862
HAL SEARS, W5NC, Director P. O. Box 38245, Houston, TX 77088	713 367 0552
ESTHER GIVEN, W6BDE, Director 117 La Granada, Moss Beach, CA 94038	415 728 3110
ART MILLIGAN, W8KW, Director 2120 West Crest Road, Englewood, FL 33533	813 474 4129
WADE HOLLAND, W4AZT, Director P. O. Box 116, Greenville, SC 29602	803 233 8551

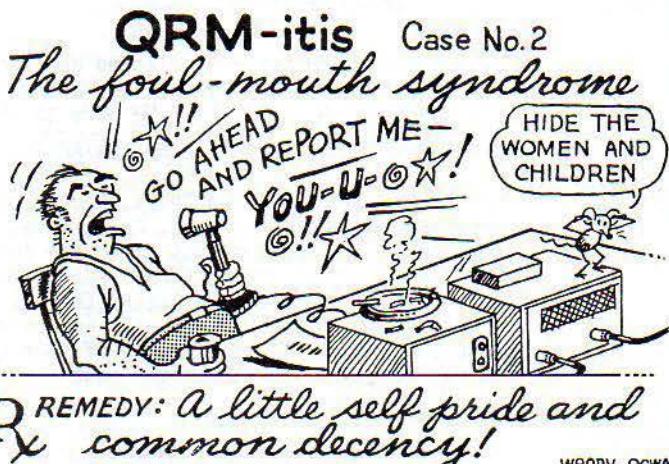
QCWA MEMBERSHIP DUES SCHEDULE, EFFECTIVE JANUARY 1, 1984

Term of Membership	US Members	Mexico & Canada	Members Overseas	Family Members
3 Years	\$25.00	\$34.00	\$17.00	\$10.00
2 Years	\$20.00	\$26.00	\$15.00	-
1 Year	\$12.00	\$15.00	\$10.00	-
Life	\$125.00	\$170.00	\$85.00	\$50.00
LTP*	\$135.00 (3 @ \$45)	\$180.00 (3 @ \$60)	\$95.00 (35, 30, 30)	\$60.00 (3 @ \$20)

*If Life Time Pay programs are not completed in one year all funds received are used to extend regular membership at the 3-year term rate.

New members are required to pay a one-time \$3.00 charge as initiation fee, in addition to the schedule of dues above!

MEMBERSHIP FEES MUST BE PAYABLE IN U. S. FUNDS ONLY!



1985 QCWA QSO PARTY TIME

Time again for the rules for the 1985 ANNUAL QSO PARTIES. We had 167 CW and 140 Phone logs sent in for checking for the 1984 QSO PARTIES - know there were lots more of you that participated but we didn't see your logs - keep up the good work and lets have even more and more QCWAers participating. Some Chapters are among the missing, please talk it up and see if we can't get a least one (1) from every Chapter in BOTH PARTIES!

The QCWA QSO PARTIES are a fine time to renew old acquaintances and say hello to friends you may not have talked to in the past year. It's time to 'limber' up the 'ole' fist and 'oil' the throat - no matter which you prefer there is fun in the parties for everyone.

A LITTLE HISTORY - BACK IN 1957, STAN BELLIVEAU, W7AYO, IN A MOMENT OF INSPIRATION, STARTED THE FIRST QSO PARTY. IT WAS MADE INTO A REAL SUCCESS BY DR. SPIKE, W7OS, AND CHARLES EMIGH, W7ER. LET'S TRY TO FOLLOW IN THEIR FOOTSTEPS!

This is to be a FUN PARTY. There will be plaques for the top Phone and CW scorers. Certificates will be given for the next 4 runners-up in both Phone and CW activities. Standings and scores will be published in QCWA NEWS, Summer of 1985 issue, but remember, the emphasis is on fun and good fellowship - or just talking to one another. PLEASE DO NOT FORGET TO TURN YOUR BEAMS TO EUROPE and work the guys and gals over there, as there were many operating there in 1984!

THERE ARE TWO QSO PARTIES - THE FIRST FOR CW, THE SECOND FOR PHONE. THEY ARE ON SEPARATE WEEKENDS!!!
TIMES OF THE PARTIES

The 28th Annual QCWA QSO PARTY for CW will be held February 9 & 10, 1985. The CW Party will begin at 0001 UT, Saturday, February 9, 1985 and end at 2400 UT, Sunday, February 10, 1985!

The QCWA QSO PARTY for PHONE will be held March 9 & 10, 1985. The Phone Party will begin at 0001 UT, Saturday, March 9, 1985 and end at 2400 UT, Sunday, March 10, 1985.

OFFICIAL RULES

CONTACTS: Each contact with another QCWA Member will count as a single (1) point on EACH band.

MULTIPLIERS: This QCWA QSO PARTY has two (2) multipliers. Every New Chapter worked is a multiplier of one (1). You can count a Chapter as a multiplier only once, regardless of how many bands you work.
If you do not belong to a QCWA Chapter, PLEASE use 'AL' (at large) as your Chapter identification. ONLY one (1) 'AL' contact may be counted as a multiplier (in other words, 'AL' is counted as a Chapter worked).

SCORING: TOTAL NUMBER OF CONTACTS TIMES TOTAL NUMBER OF MULTIPLIERS EQUALS YOUR FINAL SCORE. Remember, each Chapter can only be counted ONCE and ONLY one 'AL' contact can be counted as a multiplier. Please make your contact numbers in order...DO NOT USE A DIFFERENT SET OF NUMBERS WHEN CHANGING BANDS. The last page of the Log should show the TOTAL NUMBER OF CONTACTS times the TOTAL NUMBER OF MULTIPLIERS - this will equal your final score. Print your FINAL SCORE on the FIRST SHEET OF YOUR LOG.

EXCHANGES: A valid QSO must contain the following minimum amount of information on exchanges between stations:
(a) QSO Number (keep numbers serial even if you change bands).
(b) Operators first name or nick-name
(c) Chapter Identification (Official Number or Chapter Name)
(d) State

FREQUENCIES: Any authorized amateur frequency is acceptable

160 Meters

6 Meters (Simplex)

2 Meters (Simplex)

Suggested starting frequencies:

CW		
3530	-	3560 kHz
7030	-	7060
14030	-	14060
21040	-	21070
28040	-	28070

PHONE		
3900	-	3930 kHz
7230	-	7260
14280	-	14310
21350	-	21380
28600	-	28630

The above frequencies are selected as a starting place. When pile-ups occur don't be afraid to go either side of those listed. Again - any authorized amateur frequency is acceptable and should be used to reduce pile-ups and QRM to others. Be sure to check all frequencies for use before giving a call!

NO NET CONTACTS - NO CROSSBAND CONTACTS - AND, NO REPEATER CONTACTS ARE PERMITTED IN THE QSO PARTY GAME!

LOGS: Use the Standard QCWA Log Sheet, a copy of which is attached for your Xeroxing, or, make your own with 20 contacts per page. Put Name, Call, Mode, QTH and Date on FIRST PAGE. The LAST PAGE of the Log should show the total number of contacts times the total of multipliers to equal your TOTAL SCORE. The TOTAL SCORE should also appear on the FIRST PAGE OF YOUR LOG. Put your call on all other pages for ID in the event that they should get scrambled. KEEP SEPARATE LOGS FOR THE CW PARTY AND FOR THE PHONE PARTY! Be sure that everything is legible! Logs will not be returned. If you qualify for any Award, be sure to request the AWARD you wish on the first page of your LOG. (If you ask for the 100 Contact Award, please identify the 100 contacts on the side of the page or send your 'dupe' sheets. MAIL LOGS TO ADDRESSES SHOWN BELOW:

CW LOGS GO TO:

Eugene Santoski, K9UTQ
1220 18th Street South
Wisconsin Rapids, WI 54494

PHONE LOGS GO TO:

William Haase, W9FPA
1101 Downing Drive
Waukesha, WI 53186

Note: Separate logs and scores must be submitted for both the CW and Phone Parties. ALL LOGS MUST BE POSTMARKED by MARCH 25, 1985 and RECEIVED by APRIL 10, 1985. All logs received after this date will be entered for listing only. Logs with just one contact count - they help with checking.

Plaques will be awarded to the top scorers in each party.

Work as many QCWA members as you can and then apply for the several special QCWA Certificates which you may have qualified for in the QSO PARTIES...(that is, if you don't already have the certificate).

Worked 50 States Certificate
Worked 60 Chapters Certificate
Worked 100 Members Certificate
Worked 500 Members Certificate

As old-timers, it is most desirable to establish a record for courteous treatment to all Amateurs. Use the good operating procedures you have always used, give the other station a break, and enjoy the PARTIES.

The decision of the WISCONSIN CHAPTER No. 55, of QCWA will be final with respect to scores and rules enforcement. In event of errors or disagreement, keep all details off the air, write to either WISCONSIN CHAPTER No. 55, or HQ, or to the Activities Manager.

HAVE FUN!

Onie Woodward, W1ZEN, Activities Manager!

Summary of Board Actions

SUMMARY OF BOARD MINUTES

HARTFORD, CT, SEPT. 21 - 22, 1984

The Old Board met at 9:00AM, at the Howard Johnson Conference center. Election results were announced and newly elected Board members were welcomed by President Meyer. It was requested that the Secretary write a letter of thanks to El Paso Chapter who acted as tellers for the election.

President Meyer explained the demise of the Carolinas Chapter and announced that money collected and in residue from that operation would be donated to the QCWA Memorial Fund. A check in the amount of \$173.80 was tendered on behalf of Palmetto, Piedmont, Coastal Carolinas and Blue Ridge Chapters of QCWA.

There being no further business the meeting of the "Old Board" adjourned

The New Board of Directors was called to order with all members present at approximately 10:00 AM. President Meyer introduced the need for appointing a new member to replace Ron Hesler, VE1SH, who had resigned his position. Following extensive discussion, a motion was made to elect Arthur Kay, WSAPX, who was runner-up in the recent election, to serve the remainder of Mr. Hesler's term.

The Board noted that the QCWA Memorial Scholarship Fund had awarded three \$500 scholarships in 1984. For 1985 the Awards will total six \$600 scholarships and one \$500.

Charters issued since the April, 1984 Board meeting were approved:
#150 - Del-Mar-VA, chartered 5-1-84
#151 - Wild Rose, chartered 5-18-84

The Board took action to accept the proposal of the Chapters in the Carolinas to sponsor the 1985 National QCWA Convention, to be held at Charlotte, NC.

The Board took note of the volatile activities of the FCC with respect to Amateur regulation. After discussion it was decided that QCWA order a subscription to FCC public notices, to be sent to Ethel Smith, who will screen them & advise Board Members of items considered important to QCWA and Amateur Radio. It was also decided to provide subscriptions to all Officers & Directors to the ARRL LETTER.

As presently constituted, the VE program requires Extra Class licensees to administer all except novice & technician license examinations. One solution to the problem is to lower the code speed to 10 wpm for the General class license. The Board directed President Meyer to prepare a filing which would recommend adoption of the lower code speed requirement.

QCWA Activities manager, Onie Woodward, described a new QCWA QSO PARTY which is being considered for the fall of

1985. It will be an invitational Party, featuring contacts between QCWA members and non-QCWA members.

A new Chapter Handbook, prepared by Wade Holland, W4AZT, was presented to the Board. It was proposed that the book be prepared for distribution to Chapters as soon as possible. It will be made in a manner that sheets may be removed and/or replaced.

A Convention Guidelines Booklet, prepared by Lew McCoy, W1ICP, was presented to the Board. The booklet was adopted and will be prepared for distribution as needed. Director McCoy was appointed to work with the Carolina group for the 1985 Convention.

Director Harry Dannals, W2HD, presented a check in the amount of \$150 to the QCWA Memorial Scholarship Fund on behalf of the Long Island QCWA Chapter.

Director Kanode was named Chairman of the Nominations Guidelines Committee.

Director Dannals reported that the FCC is still resisting assignment of special calls to old-timers. He is still working on a proposal for the FCC.

Vice President Smith reported on Long Range Planning. A motion was made and passed to create a Building Fund to be invested in an interest bearing account. \$100 was voted to initialize the program, from the QCWA General Fund. A number of donations have been received

The QCWA Honor Awards for 1984 were announced:

Don Wallace, W6AM	-	QCWA HALL OF FAME
Bert Gunn, W5FU	-	MEMBER OF THE YEAR
Hal Sears, W5NC	-	DiBlasi Award

Director McCoy spoke with regard to control below 220.5 MHz and suggested a change. It was moved that QCWA prepare a filing with the FCC to delete the rule specifying control must be above 220.5 MHz. Director McCoy will prepare the filing.

Director Holland discussed the 1985 QCWA Membership Directory. It was suggested that the Directory be prepared and mailed to all members in good standing as of December 31, 1984, without charge.

The Board will hold its next meeting in Irving, Texas on March 22 - 23, 1985.

THE GERMAN CHAPTER (106) has prepared a Certificate to be known as "QCWA 106". At a meeting in Bad Bentheim it was decided that anyone who makes 15 contacts with members of Chapter 106 will receive the Certificate which has been prepared as a Memorial to the Chapter's first chairman, Hans Schleifenbaum, DL1YA. News of this Award came from Albert Leinemann, DL9AR!

1. Cleveland (Cleveland, OH)	01-06-51	76. Blue Ridge (Hendersonville, NC)	08-15-74
2. Chicago Area (Chicago, IL)	06-13-54	77. Northern New Jersey (Park Ridge, NJ)	10-26-74
3. Boston/Providence (Providence, RI)	11-01-55	78. Lubbock (Lubbock, TX)	11-01-74
4. Northwest (Seattle/Tacoma, WA)	04-16-56	79. Sunflower (Wichita, KS)	11-20-74
5. Delaware Valley (Trenton, NJ)	09-12-56	80. Caloosa (Cape Coral, FL)	11-23-74
6. Pittsburgh (Pittsburgh, PA)	01-08-57	81. Long Island (Richmond Hills, NY)	04-04-75
7. Southern California (Los Angeles)	01-15-57	82. Sailfish (Jensen Beach, FL)	03-25-75
8. Upper Midwest (Minneapolis/St. Paul, MN)	09-30-57	83. Central Indiana (New Augusta, IN)	03-25-75
9. Dayton-Cincinnati (Dayton, OH)	10-01-57	84. Florala (Fort Walton Beach, FL)	04-25-75
10. Michigan (Pontiac, MI)	04-13-59	85. Ark-La-Tex (Shreveport, LA)	04-28-75
11. Northern California (Belmont, CA)	08-01-60	86. Indiana (Inactive)	06-17-75
12. Southeast Florida (Miami, FL)	02-15-62	87. Evergreen (Moscow, ID)	07-01-75
13. West Gulf (inactive)	03-22-62	88. Tennessee Valley (Huntsville, AL)	07-21-75
14. San Diego (San Diego, CA)	06-10-62	89. Palmetto (Charleston, SC)	08-07-75
15. Tulsa (Tulsa, OK)	10-05-62	90. Razorback (Mountain Home, AR)	08-12-75
16. Arizona (Tucson, AZ)	10-11-62	91. Vic Clark (McLean, VA)	10-01-75
17. Susquehanna (inactive)	12-12-62	92. Northern Lights (Anchorage, AK)	11-11-75
18. Findley (Findley, OH) Inactive	02-10-63	93. Rio Grand Valley (Weslaco, TX)	12-30-75
19. Missouri (St. Louis, MO)	03-04-63	94. Roadrunner (Albuquerque, NM)	01-09-76
20. Baltimore (Baltimore, MD)	04-06-63	95. Eastern New York (Schenectady, NY)	01-10-76
21. Canton (Canton, OH)	05-03-63	96. Gateway (Jacksonville, FL)	01-14-76
22. Toledo (Toledo, OH)	02-08-64	97. Central West Virginia (Inactive)	03-16-76
23. Washington (Washington, DC)	12-07-56*	98. Dogwood (Vancouver, BC)	04-12-76
24. New England (Hampton, NH)	04-04-64	99. Central Valley (Delano, CA)	05-20-76
25. Nebraska (Council Bluffs, IA)	05-28-64	100. East Georgia (Augusta, GA)	07-10-76
26. Fort Wayne (Fort Wayne, IN)	09-27-65	101. Coastal Bend (Corpus Christi, TX)	12-13-76
27. Houston (Houston, TX)	11-11-65	102. Dakota (Fargo, ND)	02-10-77
28. Central New York (Binghampton, NY)	01-07-66	103. Fourth Corner (Bellingham, WA)	05-15-77
29. Finger Lakes (Syracuse, NY)	03-29-66	104. Treasure State (Missoula, MT)	08-16-77
30. West Virginia (Charleston, WV)	05-11-66	105. Middle Tennessee (Inactive)	11-19-77
31. Reading (Reading, PA)	06-21-66	106. German (West Germany)	12-12-77
32. Gator (St. Petersburgh)	11-21-66	107. Central Florida (Lakeland, FL)	05-15-78
33. Anthracite (inactive)	02-10-67	108. Beaver State (Albany, OR)	06-19-78
34. Joliet (Joliet, IL)	04-17-67	109. Baton Rouge (Baton Rouge, LA)	08-18-78
35. Mid-Continent (Kansas City, MO)	10-03-67	110. Kansas (Concordia, KS)	08-28-78
36. Northwest Indiana (Inactive)	11-01-67	111. Palm Beach (Palm Beach, FL)	11-04-78
37. Harrisburgh (Harrisburgh, PA)	03-01-68	112. Yankee (Reading, MA)	02-15-79
38. San Antonio (San Antonio, TX)	03-04-68	113. Mid-South (Memphis, TN)	03-08-79
39. Akron (Akron, OH)	04-03-68	114. North Texas (Wichita Falls, TX)	03-27-79
40. Alabama (Birmingham, AL)	09-27-68	115. Chattanooga (Chattanooga, TN)	03-28-79
41. Dallas (Dallas, TX)	09-27-68	116. Central Virginia (Lynchburg, VA)	06-14-79
42. Mohawk Valley (Utica, NY)	11-09-68	117. Appleseed (Mansfield, OH)	08-16-79
43. Oklahoma Chapter (Inactive)	03-17-69	118. Coastal Carolina (Durham, NC)	09-04-79
44. Nevada Chapter (Las Vegas, NV)	03-22-69	119. Tidewater Virginia (Virginia Beach, VA)	09-22-79
45. Citrus (Orland, FL)	05-10-69	120. Qtr Cntry Wireless Women (USA)	11-01-79
46. Metro New York (New York, NY)	05-27-69	121. Highland County (Lake Placid, FL)	11-13-79
47. Sydney (Sydney, Australia)	07-11-69	122. Lake Erie Tri-State (Erie, PA)	11-27-79
48. Treasure Coast (Vero Beach, FL)	04-27-70	123. Lee deForest (Des Moines, IA)	01-04-80
49. Atlanta (Atlanta, GA)	04-29-70	124. Israel (Israel)	01-31-80
50. Shreveport (Shreveport, LA)	08-24-70	125. Halifax (Port Orange, FL)	03-15-80
51. Texas Golden Triangle (Port Aruthur, TX)	09-28-70	126. Piedmont (Pfafftown, NC)	04-01-80
52. Mississippi Gulf Coast (Biloxi, MS)	10-31-70	127. Shasta (Redding, CA)	04-01-80
53. Sun Coast (Sarasota, FL)	03-19-71	128. Pelican (St. Petersburg, FL)	07-08-80
54. Tyler (Tyler, TX)	07-10-71	129. Waco (Waco, TX)	09-24-80
55. Wisconsin (Milwaukee, WI)	07-16-71	130. Inland Empire (Sun City, CA)	11-20-80
56. Wichita Mountain (Lawton, OK)	10-13-71	131. Gulf Coast (New Port Richey, FL)	01-05-81
57. Carolinas (Inactive)	10-30-71	132. Northeast Texas (Sulphur Springs, TX)	02-11-81
58. Colorado (Denver, CO)	11-11-71	133. Magnolia (Jackson, MS)	02-24-81
59. Central Illinois (Bloomington, IL)	04-19-72	134. Pine Tree (Augusta, ME)	08-11-81
60. Eastern Tennessee (Knoxville, TN)	08-09-72	135. Mid-Michigan (Portland, MI)	10-12-81
61. Detroit (Detroit, MI)	09-19-72	136. Austria (Langenlois, Austria)	11-27-81
62. Suwannee (Gainesville, FL)	09-28-72	137. Shenandoah Valley (Front Royal, VA)	02-14-82
63. Central Oklahoma (Oklahoma City, OK)	03-19-73	138. Central New Jersey (Tinton Falls, NJ)	02-15-82
64. El Paso (El Paso, TX)	08-01-73	139. Laurentian (Dollard Des Ormeaux, QUE)	05-31-82
65. Niagara Frontier (Buffalo, NY)	11-17-73	140. Wyoming (Casper/Cheyenne, WY)	09-30-82
66. Spaceport (Merritt Island, FL)	11-21-73	141. High Plains (Amarillo, TX)	10-01-82
67. Austin (Austin, TX)	12-20-73	142. Northwest Ohio (Toledo, OH)	11-11-82
68. West Branch (Williamsport, PA)	12-21-73	143. North Colorado (Fort Collins, CO)	03-15-83
69. Everglades (Fort Lauderdale, FL)	03-04-74	144. Long Beach Area (Long Beach, CA)	05-01-83
70. National Capital (Ottawa, Que)	03-07-74	145. Smokey Mountain (Asheville, NC)	05-05-83
71. Central Ohio (Columbus, OH)	04-10-74	146. Twin State (Sharon, VT/Concord, NH)	08-31-83
72. Fort Worth (Fort Worth, TX)	04-15-74	147. Florida Keys (Key Largo, FL)	12-05-83
73. Southern Ontario (Toronto, ONT)	05-17-74	148. Hernando (Brooksville, FL)	03-01-84
74. Muskegon (Muskegon, MI)	07-08-74	149. Nutmeg (Southington, CT)	03-23-84
75. Central California (Cambria, CA)	08-15-74	150. Del-Mar-VA (Laurel, DE)	05-01-84
		151. Wild Rose (Lethbridge, AL)	05-18-84

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804 5th Avenue, Chula Vista, CA 92011
977 Iva Court, Cambria, CA 93248
1227 Princeton St, Delano, CA 93215
1263 Washington Street, Red Bluff, CA 96080
28309 Sun City Blvd, Sun City, CA 92381
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Spaceport Chapter (66)
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Sailfish Chapter (82)
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Gateway Chapter (96)
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Highlands County Chapter (121)
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1840 Hibiscus Dr., North Miami, FL 33181
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 Ted Crowe, W3GPR
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 1600 Yosemite, Tyler, TX 75703
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 2700 North 7th, McAllen, TX 78501
 614 Grant Pl., Corpus Christi, TX 78411
 3212 Peckham, Wichita Falls, TX 76308
 2252 N. 43rd, Waco, TX 76710
 Rt 5, Box 310-B, Sulphur Springs, TX 75482
 1000 Bonnie, Amarillo, TX 79107

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 Central Virginia Chapter (116)
 Tidewater Virginia Chapter (119)
 Shenandoah Valley Chapter (137)

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 William Conrad Richardson, N4ING
 B. J. Bailey, W4LMB
 Perry F. Crabill, Jr., W3HQX

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 2204 Scallop Rd., Virginia Beach VA 23451
 449 Milam Dr., Winchester, VA 22601

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 Laurentian Chapter (139)

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Zvi Osrin, 4X4CW

Mercaz Mischari, KFAR Shmaryahu, Israel

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Austria Chapter (136)

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Wienerstr. 40, A-3550 Langenlois, Austria

Memorial Fund Awards Announced

The Foundation For Amateur Radio



F A R Scholarships
6903 Rhode Island Ave.
College Park, MD 20740
REPLY TO

August 9, 1984

Mr. Stuart Meyer, W3GHK
President, QCWA
1601 N. Kent St., Suite 907
Arlington, Virginia 22209

Dear Stu:

At the August 8th meeting of the Foundation the trustees accepted the recommendations of the scholarship committee for fifteen awards. The three QCWA Silent Key Memorial Scholarship winners were Bruce A. Wade, N9UR, - Glendale, Wisconsin, Ian R. McNicholl, KA9KOW, - La Habra, California and Scott Smith, KA2EMO, - Malone, New York.

Bruce was one of last years winners and continues as a graduate student working toward his Ph.D. in mathematics. Again his sponsor was Travis Baird, W9VQD (#6982).

Ian graduated with honors from high school and has been accepted at the University of California (Berkeley) where he plans to major in Biology. He is an active amateur, the recipient of numerous scholastic honors and involved in several extra curricular activities. His sponsor was Roy Tucker, K6TK (#1904).

Scott has completed three years at New York State University in Potsdam. As a victim of cerebral palsy, he has persevered toward his goal of finishing college. In the word of his sponsor (Henry Kilklets, W2CFY, #8351) "his winning personality has made the whole town of Malone, NY proud of him."

This year the Foundation administered one more scholarship than last year. There were 54 applicants from 30 states. Forty-two percent of the candidates were sponsored by a QCWA member.

The Foundation is pleased to cooperate with QCWA in assisting such deserving radio amateurs of whom we can all be justly proud.

73,

Hugh A. Turnbull, W3ABC
Chairman, Scholarship Committee



AFFILIATED

A Gift to the QCWA Memorial Scholarship Fund

On Behalf of _____ NAME IN FULL _____

Enclosed is a contribution of \$ _____

Send acknowledgement to _____ NAME _____

NAME

ADDRESS

Donor _____ NAME _____

NAME

ADDRESS

Please send your tax deductible contributions to: QCWA Memorial Scholarship Fund, 1409 Cooper Drive, Irving, Texas 75061. Thank you from the Quarter Century Wireless Association.

Leo Meyerson, W0GFO, Chairman of the Scholarship Committee, has prepared the forms above. A supply will be sent to Chapters for their use in soliciting gifts to the Fund.

ASSOCIATION

FEVER GAUGE



THE QCWA MEMORIAL SCHOLARSHIP FUND HAS BEEN GROWING DUE TO THE EFFORTS OF LEO MEYERSON, W0GFO, AND THE COOPERATION OF QCWA MEMBERS AND FRIENDS EVERYWHERE. NOW IS THE TIME TO GIVE RENEWED EFFORT. THE RESULTS CAN BE SEEN IN THE ACTION OF THE QCWA BOARD AT ITS WINDSOR LOCKS, 1984 CONVENTION WHEN IT WAS VOTED TO AWARD SIX \$600 and ONE \$500 SCHOLARSHIPS IN 1985. THIS IS REAL GROWTH, AND WILL CREATE GOODWILL TOWARD QCWA AND AMATEUR RADIO.

REMEMBER, IT ONLY TAKES A SMALL GIFT IF WE ALL PARTICIPATE. A SINGLE DOLLAR FROM EACH MEMBER OF QCWA WOULD PUT US OVER THE TOP THIS YEAR...WHY NOT PUT A BUCK IN AN ENVELOPE AND SEND IT TO THE MEMORIAL FUND TODAY! IT WILL BE A GOOD CHRISTMAS PRESENT!

MEMORIAL FUND REPORT

The Year 1984 Saw the first memorial gift which was tendered by Lavinia Cresap (xyl of W9LRI) in an amount exceeding \$5000. This gift will fund an annual "QCWA Robert L. Cresap Scholarship" - the first such memorial established. It is hoped that many more such Funds will be established to honor the memory of loved ones.

Gifts to the memorial Fund for the period January 1, 1984 through August 31, 1984, totalled 7868.39, compared with a total of \$3055.68 for the same period in 1983. The Total escrow account as of August 31, 1984 was set at approximately \$43,600. The 1984 scholarships were paid out of interest earned in the account. This will be the policy from this time forward. No funds from the escrow will ever be removed or awarded.

When we left the Electrical and Wireless School at Flowerdown on a snowy 1927 December day, four of us were posted to No. 10 (Bomber) Squadron, RAF, at Upper Heyford, in Oxfordshire. Arriving at the tiny, almost deserted railway station which served several villages in that area, we were met by a rather disgruntled Corporal in what is nowadays called a pick-up truck, and he told us that neither the Station or the Squadron yet existed, and why didn't we b---off on leave? As there were no further trains that day, we enquired further, and it appeared that the Station (later, a large USAF Base) was due to open on January 1, 1928, and the Squadron to form at some future, indefinite date. He rather reluctantly drove us to the brand-new Station, where we were given (to our delight) huge meals, clean beds in a never-before-used barrack block, and passes to proceed on 3 weeks Christmas leave the next day.

Returning in January (all four of us on new motor cycles as it happened), we found the station open, but apparently needing a great deal of sweeping, scrubbing and painting - work which we rapidly learned to dodge. In fact, we learned a great deal in the 3-4 months before our aeroplanes finally arrived. Our Flight of some 50-60 people consisted (in the words of our Australian Flight Commander) of "20 young boys and 40 old b----ds": the 20 were us, and kids from other technical training schools, and the 40 were "Old Sweats" left over from WW-I, and most recently returned from many years spent in India and other places "East of Suez". They generally spoke in a strange language, consisting of phrases from Indian and Arabic dialects, strung together by English obscenities. We later found that they were in fact, very sensible and highly skilled airmen, totally loyal to their comrades and to their Service. The fitters amongst them could tell the coolant temperature of an engine by listening to it for a few seconds, and the riggers could tell whether an airplane was fit to fly by simply glancing at it.

Eventually the great day arrived, and 5 of us (2 pilots, an engine fitter, a carpenter-rigger and me) set off to fetch our first brand-new "Hyderabad" bomber from the Handley-Page factory at Cricklewood, near London. Really, only the pilots were needed, because the aircraft was bare of any armament or other equipment; but perhaps we were useful in starting the two 500 HP Napier engines (by hand crank in those days). Other aircraft arrived day by day, and we busied ourselves fitting radios, generators, bombsights, etc. The "wireless" installation was the then-standard "T21/TF" outfit, a simple 30-watt LF/MF CW oscillator using two parallel bright emitter tubes, and the O-V-2 receiver was of WW-I vintage, called the "TF" because it was originally designed by Telefunken for use in the German Zeppelin airships. The antenna system consisted of several hundred feet of copper wire wound on a reel, and extended in flight by means of a lead weight attached to its end. The generator was mounted on a arm which could be swung out into the slipstream and, fitted with a suitable windmill, it developed 1000-1200 volts to the transmitter. This outfit could be quite efficient, but one needed:

- 1) A really skilled operator
- 2) A very long antenna to give something near 1/4 wave resonance
- 3) A "hot" generator which gave extra voltage, achieved by welding on a longer arm and/or by carving a wooden windmill with greater-than-normal pitch.

These things we rapidly found by experience, since there was no one to tell us "Don't do it", and we were very proud of our sometimes-achieved 1000-mile range on CW. I remember that the callsign of my aircraft was "B6X", and more than 8 years later, I returned from a six-year overseas tour to the same squadron, which by then had somewhat more modern aircraft (the Handley-Page "Heyford"), but one of them still had the same radio, with "B6X" stencilled on it. This was soon changed for more modern equipment, but we, by then "old sweats" ourselves, didn't think it worked so well as the old "T21/TF" outfit.

In between times, we took turns in helping to man the "Main Wireless Station" in our Station Headquarters, which

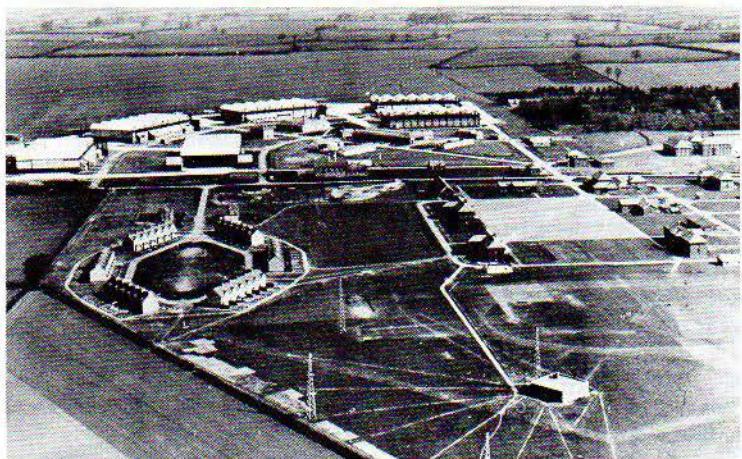
also served as the ground link when we were airborne. This station employed huge receivers, each about the size and shape of a normal coffin, and a distant transmitting station operated by remote control over buried cables. In those days, all traffic between stations with Higher Authority was handled by hand speed morse, and the operators became highly skilled. I recall that our callsign was "Z9L" and the major Control Station was the Air Ministry with the call "GFA". Signals discipline was very strict, and one dare not send one dot out of place, otherwise the NCS came back with the dreaded code signal "X252", which translated to "Indicate immediately the number, rank and name of the Operator on the watch". A report and dire punishment usually followed within 24 hours.

Whilst we were waiting for our aircraft, our Squadron Commander, realising he would need more aircrew (in addition to 2 pilots and the W/T operator, each Hyderabad had 3 gun positions and a bomb-aimer slot, sent the four of us for training to the then Armament and Gunnery School at a place called Eastchurch on the Isle of Sheppey, near the mouth of the Thames. Eastchurch has since become one of HM Prisons for hardened criminals, having spent some time there, I can readily see why.

After some weeks of classroom study and a little ground firing, we came to the official "passing out" examination. This consisted of a flight in a WW-I Bristol Fighter, ostensibly to see if one could hit anything with the 900-rounds-a-minute Lewis gun in its rear cockpit. First, however, having assured himself that one was safely strapped in, the pilot, on the way to the target area, performed about 30 minutes of loops, rolls and spins. Evidently this was to see if we could still fire a gun after such an experience, because one unfortunate who became airsick during these aerobatics was returned to Base and thrown off the course with his weapon unused. Arrived at the target area, we emptied one drum of some 100 rounds into a ground target and then fitted two more drums in succession for air-to-air firing at a 8' x 20' cloth target towed alongside us at about 200 yards range by another aircraft. After landing, the holes in this target were counted, and there had to be 50 of them if one was to be formally appointed an Air-Gunner and wear the coveted "Flying Bullet" on one's sleeve. The important thing was that we were now officially labelled "aircrew" and our pay increased by about 30%. Flying and operating the "wireless" apparently did not count.

The next adventure which befell us was later in the year, when the "Pull-off Vimy" paid us a visit. The Vickers Vimy was a WW-I bomber, one of which was the first aircraft to cross the Atlantic non-stop, in 1919. The one we saw was the parachute training aircraft, and had been fitted with small platforms on each rear outer wing strut, the purpose of which soon became plain. Higher Authority thought that we ought to make a few parachute drops from time to time, just in case we had to do it for real in some flight emergency. Anyway, the Vimy arrived overhead one summer afternoon, and out of it jumped a Corporal who was the Parachute Instructor. He intended to make a dramatic arrival just outside our hangar door, but, owing to an unexpectedly strong wind, he landed in fact rather more dramatically on the roof of the next hangar downwind of us, whence he was rescued by our Firemen. During this excitement, the "Old Sweats" in our Flight mysteriously disappeared, and accordingly, a dozen of us "young boys" were "volunteered" to test our parachutes two-by-two in the six Vimy flights planned that afternoon. What happened was that two of us bounced into the air in turn standing on these platforms, grasping firmly the strut behind us. Upon reaching about 2500 feet over the airfield, the pilot raised his hand, and one moved to the rear of the strut, still grasping it firmly. The pilot then dropped his hand, and you pulled the ripcord; the parachute opened, dragging your shivering body off the platform, so that you descended onto the center of the field. It was a pleasant and safe way of ensuring that everything worked, although the Irvin Safety Chutes then in use were quite small and thus the ground seemed to come up very quickly during the last 100 feet or so. The book said "It is only like jumping off a 20-foot wall". Nowadays I →

WIRELESS BETWEEN THE WARS (Continued)



In the picture above, the Royal Airforce Heyford Station is shown at its opening in 1928

At left, the young man is Keith, now G3DKS, suited up for parachute training in 1928

Below are shown two of the Royal Airforce Handley-Page Hyderabads, in flight in the year 1928

Keith was able to provide these pictures, having located them recently in some old personal files.

- Ed -



am quite chary of climbing more than 20 feet up an antenna tower.

-- Keith has brought us a wonderful series of stories of the early days in Radio Communications and of the development of military aircraft....If you like the stories, tell him about it! Write to:

Keith Street, G3DKS
1399 Freeport Drive
Deltona, FL 32725

- Ed -

LET'S GET RID OF TELEPHONE R-F-I

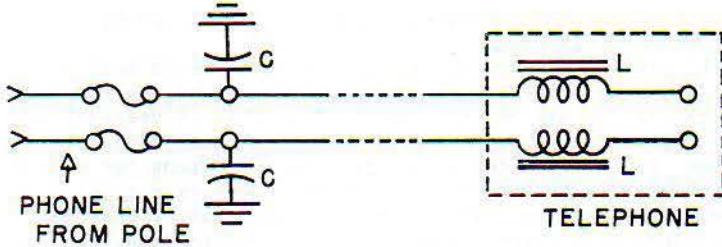
Before the breakup of the Bell System, one could call 'Ma' and a service/repairman would come in answer to your RFI complaint. First, he would install the board with the four metal-cased capacitors (Bell Part # 40BA) at the point where your phone line goes under the house. In addition, he would install a plastic box with inductors at the baseboard. This is slightly larger than the usual one that your phone plugs into. (Bell Part #1542-M). All of this was without charge...sorry to say that is all over.

After much calling of 800 phone numbers, I found that the baseboard inductor unit available from Annixter Bros., Skokie, IL, costs \$40! This little jewel consists of only two toroid inductors. Bell quotes the specs as 3.5 millihenries each and a resistance of 15 ohms, max. I borrowed a GR impedance bridge and started winding toroid coils. The final result was 60 turns of #26 enamel wire on an Amidon core, FT 82-43 (90 cents each). This produced four MH and a resistance of less than a ohm. Two of these were wound and taped together. One was hooked in series with each side of the line as it enters the terminal block inside the Model 500 94 2500 Western Electric phone. There is ample space in the phone for this. Instead of four fancy metal-cased 0.25 uFd capacitors, I used two 0.1 uFd ceramic disc capacitors, with short leads.

Not only is the BC QRM gone, but my 2-kW on 20 meters is absent from the phone also. If you have one of the cheaper one-piece phones it will require coils of higher inductance. For this type of phone I ended up with 115 turns of #28 wire on the same type of core. The inductance measured 16 MH and resistance is less than an ohm. The coils are too large to mount inside this type of phone, so some small, neat plastic box will have to be obtained for that job.

The Circuit diagram shown below depicts how it is done.

- Herb Gleed, W6FQ -



Hoist on you own petard!

The summer issue of QCWA NEWS, Volume 33, No. 2, carried a story honoring Dick Spenceley, KV4AA (deceased) and that the prodigious work by Dick constituted the "first recognition by the Guinness Book of World Records, a worthy accomplishment by a member of our Fraternity."

As it happens, we had earlier, in the Summer of 1982 issue of QCWA NEWS, Volume 31, No. 2, page 53, reported on the inclusion of Harry A. Turner, W9YZE, in the Guinness Book of Records for his high-speed code transmissions by use of a hand-key.

Both men have, by their own efforts, created a place for themselves a notch above most of us. We had not intended to place one record above the other or to overlook the work of either man. Our apologies are extended to all who may have noted the glitch.

In Memory of Our Friends

Charles Hollenbeck

Charles S. Hollenbeck, 86, of 11 Pine Lane, Colchester, VT, died September 14, 1984 of a heart attack while driving on Route 100, in Eden, VT. He was born November 1, 1897, in Great Barrington, MA, son of Charles and Jennie Burghart Hollenbeck.

He was employed as a design engineer with General Electric, and later worked as an engineer for the New York Telephone Company, in New York City for 40 years.

He was an operating ham for 72 years, a member of Telco Amateur Club of Manhattan, the American Radio Relay League, the Quarter Century Wireless Association, the New York Pioneer Club and a 50-year Grange member.

His recent addresses were: Colchester, VT; East Lebanon, ME; and Bergenfield, NJ. He was married to Elizabeth McKee, who died in 1978. He is survived by one daughter, Mrs. Nancy DeForge of Colchester, VT.

Memorial services were held in Great Barrington, MA. Contributions may be sent to the Mason Library in Great Barrington, in his memory.

OREL D. ORVIS

Orel became a silent key on May 31, 1984. He was one of the pioneers of amateur radio in the 'teens, at which time he did shipboard duty as a wireless Officer with the Merchant Marine. As one of the original engineers for station WOR, he participated, on the air, in the golden anniversary activities of that station, located in New York City, a few years ago.

Orel was very active in QCWA, being an active member of the Central New York, Delaware Valley and other Chapters of QCWA in the area. Familiar QTH's include Granton, Cannonsville, and Oquaga Lake, near Deposit, NY.

With 68 years of amateur radio, all the way from spark gap, brass pounding and cats-whiskers, through SSB, beams and solid state equipment, Orel created a legacy seldom approached. In the words of a close friend and associate, "One of the most memorable me I have ever known."

- Gerald Orvis, W5NLT -

Michael Fiehl, W2GZQ

Michael Fiehl, W2GZQ, 81 years of age, passed away August 7, 1984, at Johnson City, NY. Michael joined the IBM Corporation in 1930 and retired in 1967 after 38 years of service as Advisory Engineer and Inventor. Following retirement, he was retained as engineering consultant for IBM. He was licensed as an Amateur more than 60 years and was a member of the IBM Quarter Century Club; Quarter Century Wireless Association Central New York Chapter and, the Old Timers Radio Club.

CARL A. GAUZENS

Carl, W4DTJ, 68 years of age and a Miami resident for 60 years, passed away August 26, 1984. He was a retired Postal Superintendent, having served in that capacity for 39 years. He served as a First Lieutenant in the U. S. Army Signal Corps, in Alaska, the Aleutians and CBI during WW-II. Carl attended the Miami schools, and was an active amateur radio operator for 49 years. He was a member of the Flamingo Net, Dade Radio Club, American Radio Relay League, the Quarter Century Wireless Association and FARFE.

He is survived by his wife, Evelyn, W4WYR, three sons, Paul, John and Alan, and a daughter Carol. A sister, brother and granddaughter, Stephanie also survive him.

He is being honored by friends and members of the Southeast Florida Chapter of QCWA who have made a contribution in his memory to the QCWA Memorial Scholarship Fund.

EDWARD H. HEPPERT

Edward H. Heppert, W9FE "Fox Easy," of Morris, IL, passed away September 4, 1984. He was licensed March 2, 1928, and was a charter member of the Chicago Chapter of Quarter Century Wireless Association. He operated mainly on 80 meters CW and contacted many foreign countries. He corresponded with a teen-age boy in East Germany who had gotten his name and address through an amateur radio operator there.

Edward served as a Radio Officer in the Naval Reserves from 1928 until 1932 in Chicago and aboard the USS Dubuque, on the Great Lakes. He was a civilian employee of the US Army Signal Corps during WW-II, at the General Electric Plant in Bridgeport, CT. He owned and operated Heppert TV Radio and Appliance Sales and Service in Morris for thirty years.

Surviving are his wife, Ora, of Morris; one daughter, Mrs. Donald Sutherland, and two grandsons, Roderick and Jonathon, all of Ann Arbor, MI; and two brothers, Paul of Chicago and Erwin, of Deerfield.

- Mrs. Edward Heppert

JAMES WHITAKER

Columbia resident, James N. Whitaker, W6KRZ, passed away September 20, 1984. He was 80 years of age. James was born in Santa Rosa, and had worked for RCA and Hughes Aircraft. He went to work for RCA in 1926 assigned to develop transmission of pictures by wireless.

Mr. Whitaker was a man of many interests, among which were weather-watching and as a rock-hound. He processed gem-stones as a hobby.

James late wife, Ethel, passed away in December, 1983 and in June of 1984 he married the former Florence Bogart, of New York, Ethel's sister. In addition to his wife, James is survived by one brother, Ira of Magnolia, and a sister, Lucy Swank, of Watsonville.

William W. MacLaughlin III, W4YEL

Delta Amateur Radio Club has reported the passing of Bill W4YEL. At the time of his passing he was President of the Organization.

Bill was very active, working in the Eyebank Net, a member of the Saltminers Net and of the KADDLEHOPPERS. Two years ago he hosted the Saltminers Convention in Memphis and in 1964 was host to the ARRL Delta Division Convention, held at the Chisca, in Memphis.

Bill's early life was spent in Texas. He was first licensed as an amateur in San Antonio, in 1932. He was an expert photographer. He served several years on the City Beautiful Commission for Memphis. He entered the hospital on June 22, 1984 and remained on the "Critical" list during his entire stay.

HAROLD FORD THOMPSON

Harold Ford Thompson was born September 4, 1918. He became interested in radio in the 1920's, and had written in a friend's yearbook, as they graduated from high-school, the one thing he wanted most was "my very own ham radio station." After a great deal of experimentation, he obtained his first license on June 19, 1951, while attending the Burlington Amateur Radio Hamfest. He joined the ARRL in 1953 and became a life member in 1982. He was active in Army MARS and was a net control station.

Hal made his Advanced Class license in 1979...he was a long-time member of the Connecticut Valley FM Association and served as publisher of its newsletter and was trustee of the 146.16/76 repeater. He taught amateur radio courses in the N. H. Vocational Tech and in Springfield, VT. He was a prime mover in establishing the Twin State Chapter 146 of QCWA.

Hal became a member of CAP, as Captain, and was instrumental in building the CAP headquarters building at the Springfield Airport. He made Lieutenant Colonel in June, 1976, and taught the cadets communication work and traffic handling. He achieved Master level in administration and was a certified radiological monitor (ground to air) Squad Commander, and served the CAP in that capacity for many years.

Hal was married August 31, 1941, and fathered three daughters. He was a dedicated Ham, a living example of good practices. With his passing on July 5, 1984, he leaves a large vacancy but a larger legacy of on-the-air amateurs, several strong clubs and a true spirit of leadership. He will be missed by many!

- Jeanne Wood, KA1BGT -

"Memories of the ones we've loved still cast their gentle glow, to grace our days and light our paths, wherever we may go."

QUARTER CENTURY WIRELESS ASSOCIATION, INC.
1409 COOPER DRIVE
IRVING, TEXAS 75061
PHONE: (214) 438-8038

President: Stuart Meyer, W2GHK
Vice President: Leland Smith, W5KL
Treasurer: Wes Ransier, W4CON
Secretary: Jim Welsh, W7LVN
General Manager: Ted Hellmeyer, W5EJ



Directors
Ethel Smith, K4LMB
Lou Meyerkin, W5DFO
Gerhard Jacoby, DL3ME
Henry Dennis, W3HD

Lee McCoy, W1ICP
Esther Givens, W6ESE
Wear Holland, W6AZT
Hugh Winter, W5HD
John Karpak, N4MM

RESOLUTION

WHEREAS: The Quarter Century Wireless Association held the 1984 Annual Convention in Windsor Locks, Connecticut on September 21-23, 1984, and;

WHEREAS: The planning and arranging of facilities and activities for the QCWA members, families and guests were outstanding and;

WHEREAS: The QCWA Board of Directors had its fall meeting at the convention;

BE IT RESOLVED THAT: The QCWA Board of Directors unanimously expresses profound thanks to the Yankee Chapter of QCWA and especially to the Convention Committee co-chaired by Milton Chaffee, W1EFW and Gladys Chase, W1VPF, for a most enjoyable and successful convention.

Stuart Meyer

Stuart Meyer, W2GHK
President, QCWA

September 22, 1984

QCWA Silent Key Members

DJ1BN	WALTER ESCHENBACHER	W5BNQ	DALE R. RIGBY
WIGCH	C. S. HOLLENBECK	W5CTM	PAUL H. DANIELS
W1UWS	HAROLD F. THOMPSON	W5GXU	WILLIAM L. BAIRD
DL1XJ	ALFRED SCHÄDLICH	W5MMH	ERNEST L. DETWILER
K2CX	AL C. EMBRECHTS	KC5NI	ALFRED O. SHAW
W2DXZ	MOREY ENGLANDER	W5QIT	CLAIRE S. JONES
W2GZQ	M. FIEHL	W6AEE	MERRILL L. SWAN
K2ZRO	KAZIMIERZ J. DESKUR	W6IPP	JAMES E. KAVAN
VE3AW	DAVID STEVENSON LLOYD	WA6JNO	CHARLOTTE FRANKEN
W3KUZ	ROBERT R. GODARD	W6KRZ	JAMES N. WHITAKER
W4CBK	ROBERT L. STIRK	N6XU	LES J. WANDEL
W4DTJ	CARL A. GAUZENS	KL7AR	DAVE TUCKER
K4GVD	FREDERICK W. BOARDMAN	W7EGR	STANLEY L. ARCHER
W4IQB	JOHN LEWIS LAMBRIGHT	W9FE	ED HEPPERT
K4KAO	ROBERT P. KELLY	W9QUO	IRWIN DRUCKER
W4LQS	DEAN C. COLE	W9SO	WILLIAM P. GAINER
K4PBM	RICHARD G. HAYS		
W4ODC	JACOB R. ROSS		

QUARTER CENTURY WIRELESS ASSOCIATION, INC. Through June 30, 1984

ACCOUNT No.	BUDGET 1984	ACTUAL 1984	BUDGET 1985
501 Dues, Reg - New	\$15,000.00	\$8,427.00	\$16,000.00
502 Dues, Life - New	10,000.00	4,415.00	10,000.00
503 Dues, Reg.	31,000.00	22,485.72	31,000.00
504 Reg. Life Conv.	6,100.00	3,278.00	6,100.00
505 Entry Fee \$3.00	3,000.00	1,560.00	3,000.00
506 Over Payments	100.00	110.75	150.00
Sale of			
509 Banners		300.00	600.00
510 Pins, Emblems	3,500.00	2,173.50	3,500.00
511 Decals - Stamps	500.00	505.75	800.00
512 Certificates		448.00	600.00
515 Scholarship Donations	3,000.00	7,429.39	3,600.00
516 Max Arnold		5,004.69	
517 Cressep Fund	1,000.00	105.50	600.00
520 Advertising			
Interest Earned			
525 Investments	20,000.00	14,231.97	20,000.00
526 Memorial Scholarship		1,764.00	3,300.00
527 Max Arnold Fund		89.31	90.00
528 Cressep Fund		269.00	538.00
530 Hot Line Report	50.00	18.00	50.00
545 Prepaid Postage	200.00	98.00	200.00
546 Sale, QCWA News, Roster,	50.00	14.00	50.00
Xerox	100.00	52.35	100.00
550 Other Income			
Total Income		\$93,600.00	\$72,781.93
Estimated Income			\$100,278.00
Budget Expenses (see sheet 2)			\$100,178.00
Estimated Total Income minus Total Budget Expenses for 1985			\$ 100.00

Amended 9-21-84

QUARTER CENTURY WIRELESS ASSOCIATION, INC. Through June 30, 1984

ACCOUNT No.	BUDGET 1984	ACTUAL 1984	BUDGET 1985
EXPENSES & LIABILITIES			
EXPENSES			
801 DEMOS Management Fee	\$18,600.00	\$ 7,750.00	\$18,600.00
805 QCWA News, Printing cost	16,000.00	7,523.25	16,000.00
810 QCWA News, Mailing cost	4,500.00	1,808.34	4,500.00
815 General Postage	4,000.00	2,233.22	4,000.00
820 Public Relations & Adv.	1,500.00	331.74	1,500.00
825 DEMOS Computer Services	1,000.00	325.00	800.00
826 U. of T. Computer Serv.	1,500.00	508.36	1,500.00
827 FCC Reports			600.00
COST OF SALES			
830 Pins, Buttons & Banners	3,500.00	193.80	3,000.00
835 Stamps & Decals	1,200.00	208.04	1,000.00
840 Office Exp. & Supplies	1,000.00	955.80	1,000.00
845 Telephone	600.00	99.48	600.00
850 Board Meetings	3,200.00	1,020.93	3,200.00
851 Stationery & Printing	1,000.00	773.88	1,000.00
OFFICERS EXPENSES			
852 Secretary	200.00	177.02	250.00
853 Treasurer	200.00	45.80	200.00
854 Vice President	300.00		350.00
855 President	1,000.00	18.70	1,000.00
856 Directors	1,000.00		1,000.00
857 Scholarship Awards	1,500.00	1,500.00	3,000.00
858 Election Expense 1985	2,000.00	3,221.61	2,500.00
860 Hot Line, printing	500.00	375.50	700.00
861 Refunds (not income)	100.00	80.25	
862 DEMOS Office Typist	7,300.00	1,508.38	7,300.00
863 Convention Loan	250.00	250.00	500.00
864 Audit Expense	200.00		100.00
865 Miscellaneous Expense	250.00	29.04	100.00
866 Activities Manager Exp.		97.62	200.00
Total Expenses		\$31,500.00	\$31,035.76
			\$74,400.00
LIABILITIES			
Less Increase in deferred Income (advance dues & Life Membership payments)(to 6/30/84)			
			\$18,778.00
Membership Roster for 1985 (1/3 of cost for each 1983-1984-1985)			
			7,000.00
Total Estimated Expenses & Liabilities			\$100,178.00

From our Friends in Austria - Amery, OE3RE, says to let him know when (day and time) you will turn your beam toward him - he'll be pleased to visit with you!

"A QUARTER CENTURY IN SPACE"

Do You Realize that the Radio Amateur Space Program is nearly a quarter century old? That's right! The first OSCAR (Orbital Satellite Carrying Amateur Radio) was launched on December 12, 1961. We certainly have come a long way since that simple beginning almost a quarter century ago.

THE RADIO AMATEUR SPACE PROGRAM

What's all the excitement about? You hear people talking about their first contact through AMSAT-OSCAR 10 and using such terms as "fantastic!", "Really great!", "Love those DX ragchews!", and later, "Don't have any HF gear, and wouldn't have enough room for a tri-bander anyway, but in the last several months I've had some great QSOs with over 50 countries!", and on and on and on!

What's all the fuss about? Well, Amateur Radio has entered a new generation. No longer are we totally dependent for world-wide communications on the changing ionosphere. We now enjoy a communications capability superior to anything we have ever experienced -- even in the years of high solar activity. OSCAR 10 certainly adds a new dimension to the world of Amateur Radio. Many hams marvel at the accomplishment, and all that it provides to the Amateur Radio World:

--A New Amateur band comparable to 20 meters and yet, almost completely reliable and predictable for two-way communications

--A means of communicating over trans- and inter-continental distances for up to 10 hours per day using relatively low power (under 30 watts, usually) amateur stations and small antennae.

--A highly effective means for transmitting Amateur bulletins, training material, and emergency messages to stations around the world.

The following are some of the questions most commonly asked during the time after the successful launch of the AMSAT Phase IIIB Satellite (now called AMSAT-OSCAR 10, or simply AO-10):

WHAT IS AMSAT? -- The Radio Amateur Satellite Corporation (AMSAT) is a non-profit, tax-exempt 501 (c)(3), Scientific corporation founded early in 1969. One of the main objectives of AMSAT is to provide satellites that can be used for Amateur Radio communications by suitably equipped stations throughout the world.

HOW CAN I GET STARTED IN RADIO AMATEUR SATELLITE COMMUNICATIONS? -- The best way to get started is by joining AMSAT. Your dues not only provide you with information you need to get started, but they help support the Radio Amateur Space Program.

WHO CAN BELONG TO AMSAT? -- AMSAT is a membership organization open to all Radio Amateurs and interested non-amateurs. AMSAT encourages the participation of all interested individuals in its activities, and invites licensed Amateur Radio operators of all countries to engage in communications through the AMSAT-OSCAR series of satellites.

WHERE DOES AMSAT GET THE MONEY TO LAUNCH SATELLITES? -- AMSAT operating funds are derived largely from membership dues, donations from individuals and clubs, and grants from such organizations as the American Radio Relay League, Inc., the ARRL Foundation, the International Amateur Radio Union, and others.

WHAT IS AMSAT PHASE III? -- The Phase III series of AMSAT satellites are long-life spacecraft intended for near synchronous or high-altitude orbits. AMSAT Phase III spacecraft offer significant operational advantages over the earlier OSCAR satellites (Phases I and II) by providing improved coverage for hours at a time over transcontinental distances.

WHAT IS AMSAT OSCAR 10? -- AMSAT-OSCAR 10 (AO-10) is the first satellite in the Phase III series to be placed in orbit. It exceeds all previous OSCARS combined in com-

munications capability.

WHAT KIND OF SIGNALS CAN I EXPECT TO HEAR WHEN I LISTEN TO THE SATELLITE? -- Generally, you will hear the same types of signals (with considerably less QRM!) that you hear on 20 meters, that is, upper side band (SSB), CW, RTTY, SSTV, Packet Radio, etc. AM and FM are NOT permitted on the satellite.

WHAT KIND OF EQUIPMENT WILL I NEED TO WORK STATIONS THROUGH AO-10? -- Many Amateurs believe incorrectly that they will need high power, big antennas, and complicated tracking equipment. Not so! I have had many very enjoyable hours of DX communications via OSCAR 10 using a maximum of 30 watts output. My "big" antenna consisted of a 2-meter beam with a 12-foot boom (to hear the downlink signals from the satellite) and a 435 MHz beam with a six foot boom (to transmit up to the satellite). Both were mounted on the roof of our house using the same tripod which had previously held our TV antenna (we now have cable TV). When I'm not working the satellite, I find the same antennas handy to work the 2-meter and 440 MHz repeaters. As to tracking, I've used two old TV rotators to move the antennas. One to move in the horizontal direction and one (mounted on its side) to raise the antennas elevation. Once I've determined when the satellite will be in view of my QTH (more on this schedule in later articles) most of my tracking is done by ear, that is, I simply move the antennas around until the signals from the satellite are loudest. Now, that doesn't sound hard, does it?

WHAT KIND OF EQUIPMENT IN THE SHACK WILL I NEED? -- Well that depends a great deal on what you have already. The chances are good you already have some of the equipment you would need. Also, you need to ask what types of VHF-UHF work interests you. Chances are also good, such as in my case, that you will want to do more than satellite work on VHF/UHF once you have the antennas on the roof, or wherever. We will discuss more in this area in later articles. For right now, the best thing you can do is join AMSAT and start becoming informed. When you send in your check for membership (\$24 per year -- not bad for the highest "repeater" in the world, right?) include another \$10 and ask AMSAT to send you a copy of the Satellite Experimenters Handbook -- it's everything you need to get started from A to Z.

WHAT ARE SOME OF THE STATIONS YOU'VE WORKED FROM THE BIRD? -- Well, here's a listing from a typical day right out of the pages of my logbook: Ron, WØPN; Walt, DL6EW; Eric, G3BHW; John ON4CLM; Arnold ZS6BMS; Paul W8ZD; Marc, I4MY; Wolf, DL6NBR; Heinz, DL1CF; Vic G8XEI; and so on....! These were all very enjoyable ragchews that were virtually QRM-free!

Does all this sound like fun? You bet it is! And, it doesn't have to be expensive or too complicated. Take it one step at a time, the same way Marco Polo went from Italy to Asia the first time (hi). Stay tuned to this article in future editions of QCWA NEWS. We'll help you through the steps, OT. 73 for now.

ABOUT THE AUTHOR:

John Champa, K8OCL, is QCWA Member No. 17,762. He is also a life member of both the ARRL and AMSAT. John feels that over the years Amateur Radio has added so much to his life that he must return the favor. Consequently, he serves in several volunteer positions. He is Technical Advisor (TA) to the League. AMSAT is almost entirely a volunteer organization and John serves with them also. He is currently AMSAT's Senior Vice President and Acting Vice President, Operations.

John was first licensed in 1959 with the call KN8OCL. He currently resides with his family in Dearborn, MI (a suburb of Detroit) and is employed with the Burroughs Corporation. You can reach John through his address at AMSAT Headquarters

SCHEDULED QCWA ON-THE-AIR MEETINGS REPORTED

1 Cleveland	Wed	2000L	W8LYD	79/19
	Wed	2000L	W8QHM	28650
2 Chicago Area	Wed	2000Z	W9DZG	7073
	Thu	0000Z	W9DZG	3590
4 NW Chapter	Sun	0830	W7UO	3655
	Sun	1200	W7FNC	3952
6 Pittsburgh	Sun	0830	W3LGD	63/03
7 Southern Calif	Sun	0800	W6INH	3917
	Sun	0900	W6FQ	3917
	Sun	1100	K6BA	3695
	Sun	1800Z	W6ZRZ	205/805
9 Dayton/Cincy	Sun	1300	W8TPC	3986
10 Michigan	Sun	0800	W8CAM	3903
11 Northern Calif	Sun	0930	W6BCM/FQA	3907
	Sat	1000		25/85
12 San Diego	Wed	2000		28600
15 Tulsa	Sun	0645L	W5FU	3830
	Sun	0930L	W5FU	7156
16 Arizona	Sun	0730	W5KMF	3892
20 Baltimore	Mon	2100L		28650
24 New England	Sun	0845L	W1DJ	
25 Nebraska	Sat	0900	-	3980
27 Houston	Thu	2000L	W5CCD	3876
28 Central New York	Sun	1030L	W2UBU/UWD	3917
32 Gator	Sat	0930		3920
36 Northwest Ind.	Wed	1900L		28650
38 San Antonio	Sun	2030L		
41 Dallas	Sun	0730L	W5YJB	3835
45 Citrus	Thu	1900	W4ZU	825/225
	Tue	1900	W4AJX	825/225
	Sat	0900	W4PEI	3955
49 Atlanta	Sat	1300L	K4VN	3832
54 Tyler	Sun	0800L	W5CNO	3835
55 Wisconsin	Sun	0830		3985
58 Colorado	Sun	0900L		3905
	Sun	0930L		07/67
60 Eastern Tenn.	Sun	1700L	W4HBZ	3905
61 Detroit Metro	Sun			3663
62 Suwannee	Sat	0900		7235
63 Central Oklahoma	Sun	0830		3855
64 El Paso	Sat	0830L	W4NPI	3935
65 Niagara Frontier	Sun	1330L	W2SD	3900
73 Southern Ont.	Sun	0900L		3773
	Sun	1300L		7090
75 Cen. Cal Coast	Sat	0830L		3917
77 Northern NJ	Sun	1300	W2OJW	3917
81 LIQCWA	Sun	1130L		3917
84 Florala	Mon	1930	W5RHE	28/88
87 Evergreen	Sun	0700		3985
89 Palmetto	Sat	1700		3927
	Sun	1700L	N4LS	3770
90 Razorback	Sun	1800	W5MYZ	3907
96 Gateway	Sat	1100		7230
104 Treasurer State	Sat	1000L	W7OIO	7240
106 German	Mon	1600U	DL9AR	3700
107 Central Florida	Sat	1000L		7240
109 Baton Rouge	Sun	0830	W5URR	3905
112 Yankee	Sun	0830		3903
113 Memphis	Fri	1000L	W4OMI/YEL04/64	
114 North Texas	Sat	0830	W5VJW	3943
116 Central VA	Daily	0930	W4KNG795/195	
118 Coastal Carolina	Mon	2015		28/88
120 QCWW	Tue	1900Z		14295
122 Lake Erie T/S	Sun	0930L		3915
125 Halifax	Wed	1930L		75/15
126 Piedmont	Sun	0900L	W4QI	3935
128 Pelican	Sat	1000L		3930
129 Waco				13/73
130 Inland Empire	Sat	1600L		3912
134 Pine Tree	Sun	1400L		3942
138 Central NJ	Tue	2200L	W2DME	147.045
Florida SSB Net	Sun	1230L	W4PI	7253
Florida CW Net	Wed	1330L	W4PI	7035
141 High Plains	Sat	0900L	W4YID	3933

Listings are entered only upon request. Please do your best to keep us up with changes!

WINTER FUNTEST REPORT

Following are replies received listing answers to the FALL FUNTEST problems:

ENTRANT	PROBLEM				
	1	2	3	4	5
ANSWER	166/144	5 c	\$86.26	\$27.54	5,7,6
W4SZ	166/144	5 c	86.26	27.54	5,7,6
K4EK	166/136	5 c	86.26	27.54	5,7,6
W4UQ	166/144	5 c	86.26	27.54	5,7,6
K9BL	166/144	5 c	86.26	27.54	5,7,6
W7HNT	166/144	5 c	86.26	27.54	5,7,6
W8MBB	166/34	5 c	86.26	27.54	5,7,6
W4PID		5 c	86.26	26.23	5,7,6
W5NK	166/144	5 c	86.26	53.77	5,7,6
W0KL	166/34	5 c	86.25	27.54	5,7,6
K5AC	166/144	5 c	86.26	27.54	5,7,6
W6WL	50 ¹⁶⁶ /50 ¹¹⁶	5 c	86.26	17.52	5,7,6
W7MRX	CLXVI/CLXIV	5 c	86.26	27.54	5,7,6
W2SFW	166/144	5 c	83.75	53.77	5,7,6
W2BDE	166/144	5 c	86.26	27.54	5,7,6
W1MVO	166/144	5 c	86.26	53.77	5,7,6
W7BHM	166/144	10 c	86.27	90.02	5,7,6
W2WAM	166/144	5 c	86.26	27.54	5,7,6
KE4Q	166/34	5 c	86.26	27.54	5,7,6

These problems, I believe, were a bit too easy, or some people are not sending in replies. How about it? Send in your answers, right or wrong! I enjoy knowing how many are really trying. If too many do not get the correct answers I'll know that the problems are too difficult (and vice versa), so let me hear from you.

/s/ Harry, W9QB

QCWA FUNTEST PROBLEMS

1. Beside direction, what property is shared by Santa's Helpers at the North Pole, The Northwest Passage, and the Hundredth root of unity which is northernmost in the Argand Plane?
2. A number consists of three digits, 9, 5, and another! If these digits are reversed, and then subtracted from the original number, an answer will be obtained consisting of the same digits arranged in a different order. What is the third digit?
3. The Roman number (M) is equal to 10 to what power?
4. The Extra Class license holders in the Under Tampa Bay Amateur Radio Club outnumber the Novice license holders by sixteen. Seven times the number of "extras" exceeds nine times the number of "Novices" by thirty-two. How many "Extras" and how many "Novices" are in the Club?
5. Hasafisti Scratchi and Lo Swr take similar jobs. Hasafisti starts at \$3000.00 per year, with increases of \$600 per year. Lo chooses to receive a beginning salary of \$1500 for each half-year, with an increase of \$300 every six months. Which person is better paid? How much will Hasafisti earn during the second year? How much will Lo earn during the second year?

Send all answers and correspondence to:

Harry S. Neben, W9QB
1151 Fairway Drive
Dunedin, FL 33528

Notice: Printed herein is a summary of the QCWA Board of Directors minutes of the meeting held in Hartford, CT, in September. HQ will, upon receipt of a SASE, provide those interested with a complete copy of the document.

See Page 109

QCWA COMPUTING

"What does it take to get started in the computer world? How do you connect it to your station equipment?" I've been asked these questions many times on the air or in person. The magazine ads tell us how great their gear is, then confuse us with their variety of equipment and accessories. Magazine articles assume that we already have our feet wet, and are full of computerese. Not much help.

To get any enjoyment out of a computer hobby, you must have a minimum set of components. The first item, the heart of your system, is the computer itself. It provides the "brain" and a small amount of temporary storage. It usually includes a keyboard so you can QSO the brain.

Except for an occasional "beep" the computer talks to you only through your eyes. It displays its messages on a screen. Your second item, then, is a TV set or a computer monitor (but not a color monitor!).

Like a newborn baby, the brain in a computer is very empty. It is well equipped to do complicated work, but all information must be fed to it from the outside world. This information is called a "program." Factory programs, called "software", will ask you questions and tell the brain what you want it to do. You may also feed in your own simple programs through the keyboard. Your third item will be a few selected programs that catch your interest.

All programs are stored temporarily inside the computer while they work for you, but there is no permanent storage inside the computer for them. All fed-in external programs and anything in temporary storage is lost when the computer is turned off. You'd have to feed in your complex programs by keyboard each time you wanted to use the computer. A very inefficient situation!

Fortunately, programs can be stored permanently on magnetic tape, magnetic disks or inside an IC chip. So, your fourth item will be a permanent storage unit. This can be a cassette recorder or a disk drive. It will do two things for you. It will allow you to buy ready-made programs and feed them into the computer's temporary storage without lengthy keyboard operations. It will also allow you to store valuable information you have generated with these programs.

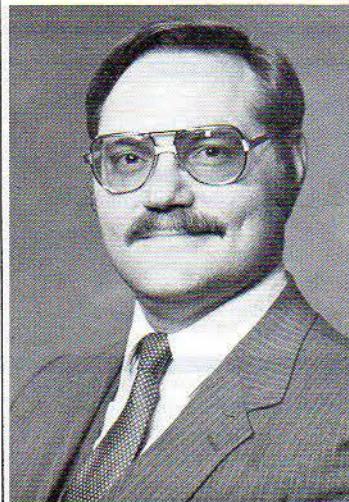
For instance, if you have a log-keeping program, you will feed it into the computer's temporary storage. It will now help you enter all the information you want to put into your log. You can then store the entire log in your permanent storage so you can use it over and over.

Radio Satellite Corporation
P. O. Box 27,
Washington, D. C. 20044

feel free to drop him a line if you have any questions you would like to have answered via the column or directly. John is most willing to help - he was awarded the FIRST Satellite Elmer Award ever issued by the American Radio Relay League! As John has often stated "AMSAT-OSCAR 10 is the best kept secret in Amateur Radio, yet it's not difficult to use the satellite. All you need is a little information & a little help. It doesn't have to be expensive or complicated either. A little bit of assistance, especially in the early stages, goes a long way. He hopes that his future articles in QCWA NEWS will provide that help.

To help you get acquainted, John is in the pix at left.

- Ed.



After you have created something on your screen it's nice to be able to put it on paper. The fifth item is a printer that converts the images on the screen into neat typewritten pages. There are many printers to choose from, but it should be compatible with the computer.

Your computer system will be almost useless without the sixth item. That item is instruction! Depending on your technical skills, you will need some instruction on connecting all these items together. Then comes the confusing part. How do you approach this monster and make it do all the good things it's supposed to do? Sometimes just reading the manuals will get you started. There are many good books that go into greater detail. Computer clubs in most areas have friendly members to help you. If you're serious, there are classes at your local evening school or community college.

A very low-budget starter is the popular VIC-20, which can be picked up at many discount stores at closeout prices. It connects directly to an inexpensive (new or used) TV set for adequate viewing.

VIC-20 factory programs are stored on IC chips housed in a little unit that plugs into the side of the computer. Your own programs can be stored on a cassette recorder. Many programs for ham radio are available for the VIC-20, and dozens of articles are written for it.

Next time I'll try to describe the basic equipment you'll need to connect your computer to your ham radio equipment for sending and receiving RTTY and CW.

Help! I need an expert computer oriented amateur in the Southern Florida area to convert a computer to read American (not International) Morse Code stored as tones on a cassette tape. Funds are available. Write to me.

Send in your ideas, suggestions, programs and comments. This is your forum. Ask questions. Send program ideas. Tell us about your computer setup.

Herb Lipson, W8FBH | 26960 Pinehurst | Sun City, CA 92381

1985 National Convention - Charlotte

The 1985 National Convention will be held in Charlotte, North Carolina, October 10-13, 1985.

The Carolinas have much to interest Convention attendees with their many attractions from the seashore to the majestic mountains. The Host Chapter, Piedmont 126, will be ably assisted by its neighboring friends of the Palmetto, Blue Ridge and Coastal Carolina Chapters.

The Convention Committee has been formed and the first concrete planning meeting to be held early in October (1984). From our efforts will emerge what we hope will be one of the finest Conventions yet, so we are looking forward to showing you all some real southern hospitality.

73, Val, K4JO, Pres. Ch 126

On callbooks received:

Karl D. Way, W8SAF, has sent three fine callbooks to QCWA in behalf of the AKRON, OHIO CHAPTER of QCWA. We wish to extend the thanks of all to Akron and to Karl. We need all of them we can get!



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Investment Management

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3007 Skyway Circle North
Irving, Texas 75038

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Charleston, W. Va. 25314

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ARTHUR "ART" ROBERTSON
PRESIDENT
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JUDGE OF THE MUNICIPAL COURT
LOS ANGELES JUDICIAL DISTRICT

110 NORTH GRAND AVENUE
LOS ANGELES, CALIF. 90012
QCWA # 1372

Store Location:
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President
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• Phone (801) 268-3000

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W2KPR

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REGISTERED PATENT ATTORNEYS

CYRUS D. SAMUELSON
235 MOORE STREET
P.O. BOX 686
HACKENSACK, N.J. 07602

YOUR CARD COULD BE HERE

The following is the rate and size schedule for QCWA NEWS PROFESSIONAL/PERSONAL CARD SECTION IN QCWA NEWS!

PROFESSIONAL BUSINESS CARDS

FREQUENCY:	1x	2x	3x	4x
Per Insert:	\$12	\$11	\$10	\$8

PERSONAL CARDS

1x	2x	3x	4x
\$7	\$6	\$5	\$4

Barney's Antique Exchange

Managed by Barney Moffatt

W5CJZ

5714 Trail Meadow Drive, Dallas, Texas 75230

Quite a few QCWA Members are interested in the old-times and have suggested that we keep this vehicle to permit QCWA members to swap parts, information and so search for a special bit or part needed to restore, rebuild or go from scratch on old equipment. Barney's Exchange has been popular in this role for more than four years now.

Barney has kept records and corresponded as required to coordinate the whole thing. Whatever you might need in the way of parts, or information, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items. A few rules for operation of the exchange have been published since the beginning:

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There is no cost to QCWA Members, neither QCWA, its officers, Board of Directors, manager or other agents assume responsibility for loss or misrepresentation to anyone.

FOR SALE: Have a couple dozen pre-1940 receiving tubes all in original cartons (Philco). For further information send card to:

Duane Humphrey, K8GSW
R#4
Bad Axe, MI 48413

WANTED: Instruction manual for Sylvan-ia Electric Polymeter Type 221. Must be in good condition. Quote price!

Bill Miller, K2GCE
217 Porterfield Place
Freeport, NY 11520

WANTED: Antique Telegraph Instruments, including pocket sets, miniature instruments, vertical Vibroplexes and other rare bugs.

Dr. W. C. Hess, W6CK
P. O. Box 19-M
Pasadena, CA 91102

NEED INFORMATION! Any information on Westinghouse Transmitter, Type TF, Style 307454 (Licensed for amateur and experimental use only). I am trying to get information to restore this unit. If you can help, write:

Bill Turner (13167)
1469 Maple Street
Clearwater, FL 33515
813 443 4737

WANTED: Outboard SSB exciter for a Johnson Valiant II Transmitter, will take "as is".

Howard Hopkins, W1VBR
RFD #1, Box 028
Foster, RI 02825

NEED: Spare parts, tubes, and manuals for old Radar Sets AN/TPQ-3 and AN/TPS-3.

Hart York
P. O. Box 365
Fontana, CA 92335

COLLECTORS! Have Central Electronics 10-A & 20-A units & parts. Chassis units & parts for Gonset Communicators. Parts for Collins R-388/URR receivers!

Everett G. Taylor, W7BYF
2921 Loyola Drive
Davis, CA 95616

NEED! Hallicrafter? I may have the one you want! Write to:

John Smith W4ACG
1924 Dolphin Blvd
St Petersburg, FL 33707

FOR BEST OFFER: NC-101X receiver with original speaker and TM. And, National 1-10 receiver with only one set of coils. Power supply but cable is missing.

David L. Wiesen K2VX
18 Wilbur Avenue
Newark, NJ 07112
201 923 5322

FOR SALE: Military model of HRO receiver with power supply - works OK! Circa 1944 - asking \$60, no shipping.

John J. McGraw, W8NEC
19706 Osmus Avenue
Livonia, MI 48152
313 476 0480

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3108 Georgia
Kansas City, KS 66104

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UPPER MIDWEST CHAPTER

The meeting was held at the Viking Village, September 20 in St. Paul, MN. A buffet dinner was at 6 PM with 44 members in attendance. At 7 PM President Childs asked each member to introduce themselves and guests. Door prizes were drawn. President Childs advised members that the minutes of the May 24th meeting were on the back-side of their announcement. The minutes were appoged as printed...The treasurers report was read, approved and passed. President Childs advised members that the date shown on the mailing label indicated when members dues expired. He encouraged all to keep the local dues current in order to receive news and announcements of importance.

Joe Pavek gave a short talk encouraging old time hams to give short talks at future meetinngs, giving high-lights of their ham careers. Gar Anderson gave a short discourse on the latest dcvelopments at the ARRL HQ, FCC proposals, etc.

President Childs introduced Dennis Hardy, WØPVL, and Mark Keiffer, NØCKV, who are affiliated with Hennepin County Sheriffs Radio Emergency Services. They gave a talk and a slide presentation on the workings of the system. What areas it covered, etc. Gar Anderson questioned their use of amateur frequencies for their communications.

-Jack, WØGVV

CLEVELAND CHAPTER No. 1

On July 1st, Chapter 1 had it's picnic at the Brecksville Metro Reservation, south of Cleveland. All members and those on our mailing list were sent a personal letter of invitation, including a detailed map on how to get there. Free 807's were on the Chapter. Out of 125 invitations to attend, 36 actually made it to the picnic. We are hoping for a better turnout in the future now that our membership is growing so fast...there has been a greater turn-out at our meetings and greater concern for events!

The Fall meeting will be a combined group, all members & non-members that have 50 years of Amateur Service will combine and awards will be presented to them. All will be personally notified of the occasion and the location.

Our executive committee has been very busy making necessary arrangements and decisions on future activies and membership. They are busy with local ham groups, to bring into the fold those members that are not represented and informed other than their affiliation to National QCWA. There are a great number of QCWA members who do not have a Chapter and what better can you do than make them welcome? Our Executives are contacting all local hamfest and flea markets for our representation so that you can meet the guys at the meetings and tell us your beef's, etc.

A great interest has come up concerning New Hams and of those not eligible as yet and as far as I know, we are the only Chapter that takes them in as associate members. This year I've had 9 persons interested in joining. It is very interesting to listen to a new Ham and an old one chew the fat! So, if you know a Ham in this group who would like to take part in our festivities, let me know and I'll get in touch with him or her.

A real problem is how do we finance the Chapter? This is always a problem and we believe we've an answer....assess each member a small amount for the operating fund. You will be informed on the NET and CARD of the damage, you all know that we do not receive anything from National, and it is impossible to communicate without stamps and envelopes, sooo, don't take it too hard, it cost over forty dollars to inform our members of the picnic. Three meetings a year comes to a tidy sum---nuf said? We have started a drive, as you have probably heard, to encompass all National activities allotted to us, such as NET participation, Awards, Funds, etc. So, let's turn that rig on and jump in, let everyone know Chapter One is still going strong!

- Clyde, W8QHM -

NORTHERN LIGHTS CHAPTER 92

Saturday, July 28, 1984, thirty members and their guests gathered at the Pioneers' of Alaska, Snider Memorial Park, Wasilla, AK, for their summer picnic, which will become an annual event henceforth. Members from out of state attending were: KL7CUK and KL7CV, Roy & Vonnie Davie, from Deltona, FL and, W7FXX, Joe Dremer, from Salem, OR. Of the 20 licensed hams attending, the total years of licensed amateur operation represented was 731, and average of 36.55 years per member!

Prizes were awarded....the eldest member was Mr. Howard Burkher, KL7DQ, age 83; Longest licensed member, Dr. Robert Hisamoto, KL7AM, 68 years as a licensed ham; Member from the greatest distance, Roy & Vonnie Davis, KL7CUK & KL7CV, from Deltona, FL

A resolution was passed calling for one minute of silence to be observed on all amateur bands, worldwide, on the 11th minute of the 11th hour of the eleventh day of the 11th month, GMT, each year, to express our respect for those who lost their lives in past wars and as a gesture of the desire for peace from and to the living.

A warm welcome to join us at our next years picnic is ex- tended to any QCWA members who may be contemplating being in Alaska during July, 1985. For date and place, please drop a card after May 1, 1985, to H. W. Hitchen, KL7PG, 3931 Brentwood Circle, Anchorage, AK 99502.

The picture below shows the site of the picnic and some of those attending.



COLORADO CHAPTER #58

Colorado Chapter has held elections recently with those elected as follows:

Harold E. Beaver, WØLYB, President
Jim Shearer, WØJRM, Vice President
Kenneth McMahan, WØTRO, Treasurer
Lou Phillips, WØQKR, Secretary

Lou Harrington, WØLM; Al McBride, NØAOV; Claude Maer, WØIC; Robert Jensen, WØWLM and Don Perraro, KØCEQ, were elected to the Board of Directors.

On September 12, Colorado Chapter met at the White Fence Farm for a dinner meeting where we enjoyed scrumptious chicken and delectible white-fish with all the fixin's. Following the dinner we enjoyed an audio-visual slide program from Courage Handi-Ham Center. Everyone was very impressed with the facilities and the manner in which the handi-ham program provides assistance to disabled persons to enter the world of ham radio.

Our president Hal Beaver, WØLYB and one of our new members, Jim Peterson, WØLXW, have been renewing acquaintances and reminiscing over ald times. Jim and Hal were roommates at Midland Radio School in Kansas City, in 1942. What a thrill it was to cross paths again after 42 years. Jim & Hal are both employed as engineers with the Martin-Marietta Corporation, in Denver.

Hal, WØLYB -

LAKE ERIE TRI-STATE QCWA CHAPTER #122

A Northwestern Area joint ARRL/QCWA meeting was held to hear Hugh Turnbull, W3ABC, ARRL Atlantic Division Director, speak at Perkins Restaurant in Meadville, PA, on April 13th. The event was arranged by Bob Myers, K3HWL, ARRL Assistant Director, who also addressed the group. Others at the Head Table who spoke were Otto Schuler, K3SMB, ARRL Atlantic Division Section Manager, Frank Grace, W3NR, ARRL Assistant Director and Chuck Garrigus, W3NRU, LETS Chapter 122 President. The Crawford Amateur Radio Society, the Radio Association of Erie and the Lake Erie Tri-State QCWA was represented by many members and officers, including former ARRL Assistant Director, Bart Geer, W3SN and QCWA Chapter 122 Founder, Paul Gerbracht, W3QPP.

QCWA in the area again made its presence known at the C.A.R.S Hamfest in Meadville, on May 5th at the LETS booth. Conneaut, OH, was the site for the June 23 meeting at Jerry Chicks Tavern On-the-Green. Speaker Dean Dickinson presented a display and described the hobby of Radio Controlled model airplanes. George Sontag, W3LUG, was awarded a 50-year Certificate; Ed Green celebrated 60 Years in Amateur Radio. On August 12, the annual picnic was held at Doc Baxter's, W3YWL, QTH. About forty members and guests were in attendance and Doc & his XYL, Esther, were presented with a gold and crystal bell in honor of their Golden Anniversary on September 15, 1984. Jim, W8JEA, and Dorothy Rowe, of Tucson, AZ, showed a video of their steam train excursion. Sam Baker, W3FIQ, showed slides of his and Evelyn's, W3JQV, trip to visit Mac, KL7AVX, in Anchorage; He (singing Sam) later gave renditions of country music with his guitar. Evelyn mailed a check to QCWA Memorial Fund in memory of LETS Silent Keys.

A moment of silent prayer was observed in remembrance of the passing of Marge, wife of Phil Ehrman, W3QWL.



In the picture above, L-R are: Winnie Garrigus; Chick Garrigus, W3NRU; Frank Grace, W3NR; Robert Myers, K3HWL; Hugh Turnbull, W3ABC; Otto Schuler, K3SMB & Jay Schuler.

- Evelyn, W3JQV -

HERNANDO CHAPTER QCWA #148, BROOKSVILLE, FL

The Chapter organizational meeting was held February 23, 1984. We were chartered March 1, with the formal charter presentation made by Stu Meyers, W2GHK, to our "pro-tem" officers at the Orlando Hamcation in mid March. At our first formal meeting the following officers were elected:

Earl Hill, W4UFR, President

Frank McCarthy, W1YTB, Vice President

Regis Kramer, W4ILE, Secy/Treasurer

Stu Bowers, K4KFL and Tenny Freck, W4WL, were elected to the Board of Directors. Wes Randles, W4COW and his XYL, Blanche, W4GXZ, were the "guiding lights" throughout our first few months.

We've grown from 15 at the organizational meeting to our present 46 members and shooting for 50 by years end. Membership cards have been designed, printed and distributed. A monthly local chapter newsletter is published and mailed to each member. An eight-page, nicely bound HERNANDO CHAPTER DIRECTORY was presented to each member attending

luncheon meetings. By this writing we expect chapter badges and membership certificate projects will have been completed. A membership QSL card display board has been constructed. The Chapter Banner was proudly displayed for the first time at our August meeting.

Our source of income is derived from 50/50 ticket sales at each meeting, membership dues and flea market contributions of "retired" equipment "pedaled" at area hamfests.

We are in the process of forming a Volunteer Examiner Team (VET) within the chapter to serve our membership area. We have nine extra-class licensees in the chapter. Some fine programs are lined up for our luncheon meetings among which are: Frank Rutter, K3AW and his renowned antenna demonstration seminar plus Ed Tilton, W1HDQ, of ARRL - UHF - VHF fame. Both are Chapter members.

The Chapter net meets on Tuesdays, 2 PM on 146.715 thru the Brooksville repeater, with super coverage of the area. Luncheon meetings are held the 3rd Tuesday of each month, at 11:30AM at the Omaha Steak House, US Hwy 41 South, in Brooksville, LF. Attendance has varied from a high of 56 during the "winter season" to a low of 19 during the "summer season".

- Regis, W4ILE -

CENTRAL VALLEY CHAPTER, # 99, QCWA

The Chapter held its most recent meeting at Arthur's in Selma, CA, on Sunday, September 30, for a most enjoyable meal and get-together. A total of 45 attended. Chapter President, Earl Rouse, W6ZZC, opened the meeting by having each person present introduce themselves and guests. Secretary Brammer, W6BYH, requested a moment of silence for our Silent Key members who are: W6PIX, W6PJ, W6CUA, W6CHT, W6IRV, W6AW, W6ZU, W6DCE, KA6BTV and W6ZXR.

It was announced that, since our last meeting, President Frank Clement, W6KPC, had tendered his resignation due to press of business. OM Rouse, W6ZZC had been declared the New Chapter President. This move made Lyman Treaster, W6IFC, the First VP, moving up a notch and leaving a vacancy. After very little discussion, Jules Wenglare, W6YO, was unanimously voted into the office of 2nd VP. It was decided to hold the next Chapter meeting in the Bakersfield area sometime during late January. Members W6TRP, W6VMB & K6IDG, were appointed as a Committee to arrange the meeting.

OM Wenglare, W6YO, gave a program of slides and talked on various countries he has visited. Included were: Turkey, Lebanon, Egypt and others. Jules kept it more on the basis of a "tavelogue" with very little mention of Ham Radio, in deference to the many ladies present. Was very interesting.

Several applications for membership and longevity awards were distributed with at least three members requesting 60-Year Awards. It was, overall, a very enjoyable meeting, but the drive home was a bit disconcerting. While in the sound-proof room at Arthur's we found, upon emerging, that a heavy wind storm was blowing, spreading dust everywhere!

President Rouse has announced his intent to "beat the woods" for eligible to join our organization, with the view to enlarging Chapter membership. One problem is the great distances necessary to travel to meetings, as our area covers at least four fair sized Counties - Fresno, Kings, Tulare and Kern, with some members from Madera and Mariposa Counties eligible for membership. As Earl Says, "There must be a lot of old goats like us out there, just waiting for an invitation."

- Leon, W6BYH -

CITRUS CHAPTER of QCWA has filed comments in connection with RM 4829 and RM 4831, having to do with reallocation of all or part of the 220-225 MHz band for commercial use.

The filing discusses various aspects of the proposal and puts forth strong arguments in favor of retaining the band for amateur use. The filing was strong in explaining the public-service use of the frequencies by Amateurs, and laid out the advantages to be obtained by retaining the present allocation. The filing was prepared and signed by Charles J. Bolvin, K4KQ, Secretary of the Chapter.

GERMAN CHAPTER 106

Ham Radio at Friedrichshafen, situated at the Lake Constance (Bodensee) and birthplace of the famous Zeppelin, was again (on June 22-24) the biggest International Hamvention in Europe, with nearly 13,300 attendees of which 25% came from non-German countries.

QCWA had a booth together with OOTC. The picture shows, from left to right: Gerhard, DL7PH, Chairman of the European Chapter of OOTC; Heinz, DL1QQ; Gerd, DL3ME, National Director of QCWA and Jean, LXIJW...all of which are members of the German Chapter of QCWA. We had quite a crowd at the booth of which there were about 50 QCWA members, among them Alan, K2EEK, from CQ Magazine and Aaron, 4X4AT, from Israel. Some US, Swiss and Austrian hams likewise visited with us.

A large meeting was held at which time the "Chapter 106 Award" was presented to those attending. Details on the Award will be published at a later date. There was much interest in QCWA and we hope to have acquired a few new members.

**BEAVER STATE CHAPTER 108**

The Beaver State Chapter met on August 12, 1984, at Hemic State Park near Monmouth, OR, for its annual picnic. Featured were a short business meeting and a special program of eyeball QSOing. There were 23 in attendance and the absent Chapter members really missed the delicious food that the ladies had prepared. The weather was wonderful. The QRM controllable and no QRN. Amongst the items discussed was how to make our meetings more interesting and as a result, our Chapter President's SYL (N7EJ0), is responsible for the November program, in Salem. See you there!

- Fred, W7LBH -

CHAPTER 77, NORTHERN NEW JERSEY

It's said that one can find an appropriate quotation in the Bible for any situation, and I did: Genesis VII, 12; "and the rain fell upon the earth for forty days and forty nights."...and, that's exactly what the weather was like on Saturday, July 7th, the date for the Chapter's annual picnic at Van Saun Park! Due to the impossibility of getting a "rain date", we'll just have to do like the old Brooklyn Dodgers all to often had to do: "wait 'til next year." and hope for better luck.

Chapter 77 was active in organizing and operating the QCWA booth at the ARRL National Convention in NYC, July 20-22. At George Diehl's request, we sought and received the cooperation of nearby chapters to help with the project. President Musty Musterman, W5TP, coordinated activities at the convention. Participating Chapters were: Delaware Valley, No. 5; Metro New York, No. 46; Long Island, No. 81; Central New Jersey, No. 138 and Nutmeg, No. 149, the new

Connecticut chapter. We thank each chapter and all members who helped make the QCWA Booth a success.

Plans for our TENTH ANNIVERSARY dinner and Annual Meeting on Friday, October 26 were drawn up. Frank Gunther, W2ALS, who was QCWA President at the time of Northern New Jersey's chartering, will be guest speaker and treat us to a bit of most enjoyable nostalgia. Also, Stuart Meyer, W2GHK, current QCWA President will be an honored guest.

A busy evening is assured with: Election of Officers to serve the next two years; Presenting our 3rd Annual Elmer Award to the Elmer-of-the-Year in Northern New Jersey; Presentation of Membership Certificates and Awards to new members and others who have earned them; Memorial collection in memory of our Chapters Silent Keys. - Carl, N2XJ -

HALIFAX CHAPTER No. 125

The annual meeting and luncheon of the Halifax Chapter took place on Saturday, July 28, 1984, at 12 noon. The meeting place was Morrison's Family Buffet in Ormond Beach, FL. Thirty members and guests attended. Election of Chapter Officers took place during the brief business meeting. The 1984-1985 Officers elected are:

Ernie Curry, W1KZS, Chairman
J. Franke Fox, WB4WTJ, Vice Chairman
Pete Eastman, W2GDP, Scty/Treasurer

After the meeting a talk was given by Frank Haas, KB4T, President of the Daytona Beach Amateur Radio Association. His subject was on the controller recently installed on the Daytona Beach 147.15/75 repeater. Frank's talk was most interesting and covered a description and actual demonstrations of its many features.

Chapter No. 125 meetings are held four times a year at noon on the last Saturday of the months of January, April, July and October. All visiting amateurs in the area are welcome to attend. Further details may be obtained by writing the Secretary/Treasurer, P. O. Box 1283, Port Orange, FL 32029.

In the picture below are shown, L-R: Ernie Curry, W1KZS, Chairman; Pete Eastman, W2GDP, Scty/Treasurer and Frank Haas, KB4T, speaker. Franke Fox, WB4WTJ, Vice Chairman was not available for the photo.



- Philip, W2GDP -

SPACEPORT CHAPTER

The Spaceport Chapter held their August Luncheon at Gatsby's in Cocoa Beach on 18, August. Although many members are on summer vacations, some 32 members, friends, and guests turned out. A minute of silence was held for Dean Cole, W4LQS, who had become a silent key during the previous month. Guy Blencoe, W4HVU, was presented with a Certificate he earned for placing sixth in the recent 1984 National QCWA SSB competition.

There was no formal program - the president presented a list of prominent men from around the country and around the world who are or have been amateur radio operators.

- Bill, K4TF -

TWIN STATE CHAPTER # 146

On July 28th, Twin State Chapter had a cookout and meeting on the shores of Highland Lake, in Stoddard, NH, at the summer home of W4COW and W4GXZ. We were blessed with a beautiful, warm, sunny summer day. Our Chapter has only 38 members but of these, 35 were in attendance! Over 50% of our membership attended this summer gathering. We wonder how many Chapters can boast that kind of a turn-out for any function!

Marv Fickett, W1LAV, brought his fifty-inch Cris Craft radio controlled cruiser. Don't think we need say how much fun the hams had running this little jewell on the lake.

Carl Breuning, N1CB, recorded the gathering on a professional color video camera and tape recorder. Can't wait for the next meeting when we all get to view these tapes and listen to the recordings. The next meeting was scheduled to be held at the Hamfest at King Ridge Ski Area on Sept. 16, 1984



Shown above, some of those at the meeting, during the happy hour at W4COW/W4GXZ summer house.

CHATTANOOGA CHAPTER QCWA

The Chattanooga Chapter of QCWA held its Summer meeting July 26, 1984, at Gulas Restaurant. After a short business meeting, presided over by President Tom Wolfe, K4CMY, the gathered members and guests enjoyed the program given by Mr. Gary Kendricks, KW4Z. He spoke on AREC, what it is, how to join and take part and how it is organized in Chattanooga and surrounding area.

The Chapter is growing slowly but steadily, and we are looking forward to having a larger chapter as time goes on.

- Charles Curie -

COASTAL CAROLINAS CHAPTER 118

Coastal Carolinas Chapter held their summer meeting on August 18, in Fayetteville, NC, with 25 members and guests present for the installation of Chapter officers. Those serving are:

Arie Van-Dyck, AK4X, President
Murray Hake, W6MVZ, Vice President
Roger Moates, W3EZR, Secty/Treasurer

Bill Finch, W4EHF; Larry Smith, W4BJD; and Mary Knapp, W4UTO, were elected as directors for the coming year.

The Chapter has been busy preparing recommendations for a life-membership program (Many thanks to W2DVG) and hopes to have a working program soon. Bob Johnson, AA4L, will be working diligently on the final plan.

We are happy to have Larry Smith, W4BJD, back from overseas, and as you can see from above, no time was wasted in getting him back into the thick of things. Every member is going to have to pull a little harder this next year since the rumor has been confirmed that Ward Atherton, W4RVE, is trading Florida's summer heat for North Carolina's winter cold, and will soon be relocating. Whatever Chapter gains Ward will be blessed indeed.

- W3EZR -

BATON ROUGE QCWA CHAPTER # 109

The Baton Rouge QCWA Chapter 109 held an informal meeting on Saturday, August 18, at Podnah's Bar-B-Que Restaurant on Florida Boulevard. There were 27 present, including wives who are always more than welcome to attend. Everyone enjoyed a very good meal of sausage, beef slices and ribs and ham. During the meeting we made plans for our October get-together at Forest Park here in Baton Rouge. Jambalya will be cooked and served on the spot. These outdoor type get-togethers seem to go very well with our members.

Some of those attending the meeting are shown below:



- El, W5MD -

RIO GRANDE VALLEY CH. 93

Ours is a very small membership Chapter consisting of members from all the Valley. We meet four times a year at Donna, TX. It is always a dinner meeting at 12:00 noon on the first Saturday of December, January, February and March. We do this as several of our members are only Winter Texans.

All amateurs and familys are invited and encouraged to attend.....members or not. Current officers are:

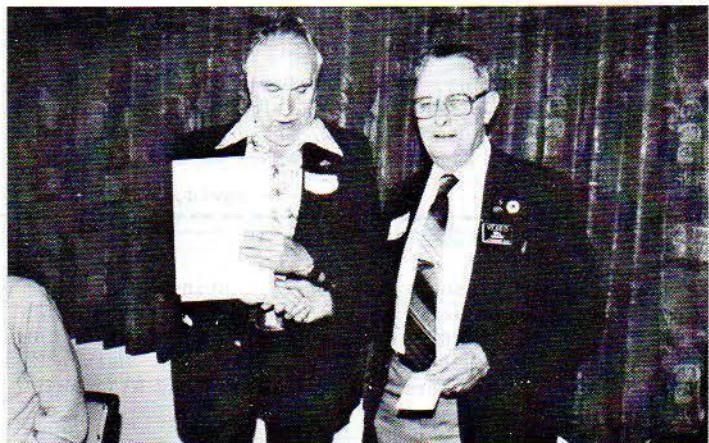
Art Ross, W5KR, President
Hal Wendt, W9BXM, Vice President
C. R. Putnam, N5CP, Secty/Treasurer

- Cecil, N5CP -

TREASURE STATE CHAPTER No. 104

In the picture below, the Gentleman holding his Golden Certificate is Leonard Groves, VE6VN, and the other fine fellow is President of the Chapter 104, Bill Savage, VE6EO! The award was made during the Treasure State's Spring meeting held in Helena, MT on April 29, 1984.

Both of those shown live in Lethbridge, Alberta and have been close friends for many years. VE6EO has not put together the newest Chapter - Wild Rose, No. 151!



- Leslie, W7OIO -

MERRY CHRISTMAS AND HAPPY NEW YEAR!

YANKEE CHAPTER COOKOUT

July 21st was another typical Yankee Chapter day. 38 QCWA members and guests gathered in York, Maine, at the cottage of W1ZEN and W1RCJ. Once again good friends, good food, good weather and lots of fun!!! If more Chapters realized just how much fun, during the summer months can be had, there would be QCWA cookouts from Coast to Coast.

One outstanding feature of this years cookout deserves comment: We were delighted to have QCWA members from Pine Tree Chapter, Twin State Chapter and Nutmeg Chapter, as well as Yankee Chapter attending. This is what QCWA is all about. The pleasure of having our own Chapter in our own area and the joy and fellowship of all chapters joining, when weather permits.

We in Yankee Chapter look forward to the day when all QCWA Chapters are represented at a National Convention.

APPLESEED CHAPTER #117

Appleseed Chapter sends greetings to all QCWA members. In the picture below are shown, L-R, Cliff Odson, W8YGX and his son, Jim Odson, WB8TBG, being welcomed as a new member of the Chapter. At least for Appleseed Chapter this is our first "Father and Son membership.



- Eldon

NORTH TEXAS CHAPTER No. 114

North Texas Chapter No. 114 held a scheduled meeting Saturday, September 22, 1984, in connection with the third annual Wichita Amateur Radio Society Hamfest at the National Guard Armory in Wichita Falls. President Johnnie Adams, W5BAH, presided. Visitors introduced were Wes Weems, W6PVR; Glenn Clark, W5ZKK and Ivie Shaw, W5VQS. The President called for a silent invocation in memory of our past president, Bill Baird, W5GXU, who became a silent key in August.

Results of the recent Chapter election were announced with the following inaugurated:

Dick Hawkins, W5FW, President

H. R. Jefferis, W5TJP, Vice President

David Combs, W5FJW, Secy/Treasurer

Joe Wark, W5AAX and Charles Neal, W5NRI were elected as Directors.

- David, W5VJW -

MISSOURI CHAPTER 19

The reactivated Missouri Chapter 19 continues and finished its first year of activity with 44 members. At the July meeting, Gene Jones, WØQU, was elected Vice Chairman, Tom Yount, WØKC and John Ellison, WØERZ, trustees. Melvin Mayo, NØAQH, was appointed Secretary-Treasurer. Ray Widaman, WØDFT, continues as Chairman.

We continue to enjoy programs presented by Gene, WØQU. The August program was ARRL film, Radio Amateurs Newest Frontier.

Visiting members and prospective members are welcome at

our meeting, held at Pope's Cafeteria in the Northwest Plaza Shopping Center, near Lambert Airport, at 1:00 PM, the second Saturday of each month. The on-the-air NET is on 146.31/91 repeater at 8:00PM Wednesday, through courtesy of the St. Louis Repeater Association.

- Melvin, NØAQH

QCWA SOUTHEAST CHAPTER #12

The June and July meetings were held at the Chateau Blue, Coral Gables, FL. The June meeting was rather waery as we were having quite a storm out, but the warmth was excellent in the meeting, especially when it came to "Tall Tale" time. Some of the members came very close to being downright untruthful! The stories were really excellent, but no one could compete with Stan, K4BLM, who won the trophy. In spite of the weather, there were 24 present at that June 16th meeting.

We had 36 present at the July 21 meeting. We welcomed George Novotnak, K4MPC, Don Murray, W4WJ, and Joel Kandel, K14T, as new members. There was an excellent presentation "Packet Radio" by Bill Whitaker, WD4JKM, assisted by John Hall, WD4SFG. There was a tape and some equipment presented. Many thanks to the two who brought us this very interesting program.

A very happy 80th Birthday to Al Wilcox, W4ELR!

- Tracy, W4YN -

Ft. Worth Chapter #72

The June, 1984 meeting of the Ft. Worth Chapter #72 was highlighted by an escorted tour through Sammons Cabel TV installation here in Ft. Worth. It was well attended and very informative, thanks to Herb Timberlake, W5TQI, engineer for Sammons.

The Annual Joint meeting with the Ft. Worth Kilocycle Club was held on July 19, 1984, at their club house at Oak Grove Airport. The occasion was "Old Timers Night". The Kilocycle Club issued certificates of outstanding services to hams who were licensed at least 50 years ago, making them honorary lifetime members of the Kilocycle Club at the same time. 21 Certificates were issued, 15 of which were to members of Fort Worth QCWA Chapter #72. In the interest of conserving space, we give below, the call letters only of those QCWA members receiving the Certificates, in the order of their first license date:

W5TI, W5JOU, W5NJQ, AA5Q, W5BBH, W5QU, W5JO, W5SXW, K5TGE, W5CHU, W5HQL, W5COK, K5AH, W5ETL, W5EIO (W5TI - 1921, W5EIO - 1934).

- Ken, W5EIO -

Received a short note from Guy Blencoe, W4HVU - in the midst of building a new town house, everything in storage, but in spite of that, he's doing well. The picture below was made at Spaceport Chapters meeting where Bill Willmot, K4TF, at right, is presenting Guy, W4HVU, with a Certificate honoring his 6th place position in the 1984 Annual QCWA QSO Party activities (SSB).



CITRUS CHAPTER #45

The August, 1984 meeting of Citrus Chapter featured the Awarding of a QCWA Golden Certificate for 50 Year Continuously Licensed operation to Chuck Bolving, K4KQ. All members and Officers offer congratulations and good luck to Chuck, shown below, at left, receiving the Certificate from George Jeck, Jr., W210E, President of the Chapter. Chuck also serves as Secretary of Citrus Chapter.

Officers of Citrus for 1984/85 are:

George Jeck, Jr., W210E, President
Bob Sutter, W3SOB, Vice President
Chuck Bolvin, K4KQ, Secretary
Lou Quinonez, K4JDY, Treasurer



PINE TREE CHAPTER

Glenn, KIMAN & Bonnie and Jim, AE1W & Joan are planning to attend the QCWA National conference at Windsor Locks. The Lobster trap (coffee table) is ready for the conference and will be delivered by AE1W. A QCWA table has been planned for the ARRL Convention in Boxboro, set up by Yankee Chapter and members of Pine Tree have been invited to share their table to recruit new members.

Dick Hewson, W1HJP, has joined QCWA. We, W4COW, signed him up at Onie's picnic at York Beach. He has not joined Pine Tree Chapter, YET.

Pine Tree Chapter was well represented at Onie, W1ZEN & Woody's, W1RCJ, picnic. I may have missed someone but the following were there: W1JTH, W1TGY, W1GQU, W1NV, & AE1W. The weather was overcast but NO rain. A good time was had by all and the food was super. That super-cake she gave to Carl, W1NV, last spring was only a small sample of Onie's capabilities.

- Jim, AE1W -

CENTRAL NEW YORK CHAPTER #28

On August 25, 1984, the Central New York Chapter #28 held their annual picnic and election of officers for the 1985 term, at the summer home of W2UWD, Robert & Alma Turrell, at Heart Lake, PA. The 1984 slate of officers was unanimously re-elected for 1985 by those members in attendance at the picnic. Those re-elected were:

Leroy Hartman, W2UBU, Chairman
George Starkey, W2RQH, Vice Chairman
Bill Corey, K2YYF, Secretary
Robert Turrell, W2UWD, Treasurer

Morris Harvey, K2SVV, was elected as assistant Secretary. Robert Turrell, host for the day, stated that there were 31 Chapter members and their ladies attending, and a very enjoyable day was had by all. Several items of Chapter business were discussed and tabled for further study.

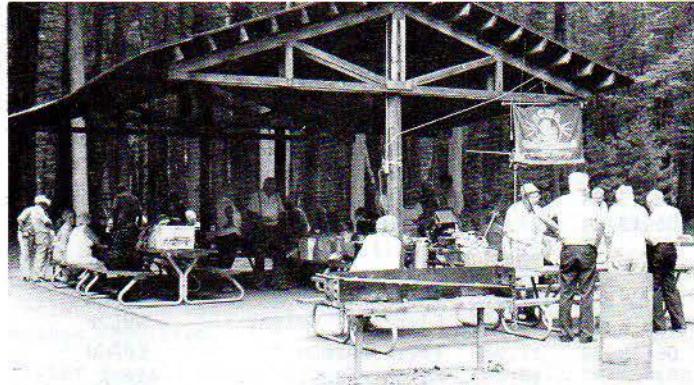
Chapter #28 suffered loss of four of its very dedicated members in 1984. They were: Orel Orvis, W2MAB; Harry Spencer, W2SDA; Jat Deskur, K2ZRO and Mike Fiehl, W2GZQ. Mike was not a Chapter member, but a long-time member of QCWA & a very dedicated amateur in the field of Missionary Communications throughout the world.

It is now the time of year when some of our local brother QCWA members start packing their gear and dreaming of warm and sunny climes of Florida. Those of us who stay behind will keep things moving until they return in the spring. We wish our fellow members the very best and say "Enjoy", you owe it to yourselves.

- Bill, K2YYF -

QCWA CHAPTER 10 PICNIC

The annual picnic was held this year at Kenwood Park in Cadillac, MI. There were 42 persons in attendance and an enjoyable time of fellowship was experienced by all. Those attending were: W8LOU and Vi; W8ZKL and Jenny; W8LA and Ena; W8ZA and Ann; W9HK and Dorothy; W1FB and Jean; W8LKR and Sarah; W8CJT and Mac; W8IAC and Kitty; W8YMI and Alfa; W8GQZ and Vera; W8JC and Rose; W8FLA and Jean; W8CCE and Marian; W8HM and Ann; K8EDQ and Jean; W8DIV and daughter Donna; WA8EDK, Merrit; W8IAR, Floyd; K8NML, Helen; W8GLV, Chuckl W8GJX, Helen; W8DDN, Wilkie; W8TQP, Marv; W8PLC, Bud; W8AZI, Don. The site of the picnic is shown in the picture below.



THE ORIGINAL CHAPTER

From time to time I am asked, "How come the Metro N. Y. Chapter does not have the designation of Chapter #1."

In the beginning a group of old friends got together in the New York City area to start QCWA & wound up with 54 charter members, as our history record shows. This took place in 1947. The original group held regular luncheon and dinner meetings at the Engineers Club, Fraunces Tavern to name a few. But it seemed that the head man at the time was not interested in forming chapters, as I understand, and after headquarters were established in Virginia (relinquished by New York) then in 1951 a charter was issued to Cleveland as #1 and others followed. It wasn't until 1969 that Metro New York received Charter #46.

There is probably some missing information during this period between 1947 and 1951 that I do not know about, like headquarters leaving New York and being located in Virginia. I believe Ethel Smith, K4LMB, ran it for a while before it moved to Irving, Texas. Anyway, to those around the New York area and elsewhere who have been wondering why Metro N.Y. is not Chapter #1, let this be a brief explanation. Perhaps a few remaining charter members scattered around the country can fill in the empty spaces.

- Dave, W2AUF -

Members Newly Enrolled in OCWA

06-08-84	17,940	George A. Wise	W7MB	Portland, OR	-	-
	17,941	Roland W. Aldrich, Jr.	K1LEC	North Springfield, VT	-	-
	17,942	Donald J. Shelton	K5VCZ	Garland, TX	-	-
	17,943	Herschell L. Stermen	WA2ANH	Mt. Dora, FL	-	-
	17,944	George Pringle	VE3CXX	Windsor, ONT	-	-
	17,945	Loyd H. Wilbur	WA6AGD	Yuba City, CA	Robert C. Potter	VE3TO
	17,946	James K. Davis	KU8R	Charleston, WV	Albert H. Hix	-
06-11-84	17,947	Don C. McCorcile	K5AAY	Dallas, TX	Frank Lester	W5ATM
	17,948	Ray M. Thompson	W5OUS	Richardson, TX	Frank Lester	W5ATM
	17,949	Robert M. Crites	K5TKO	Dallas, TX	Frank Lester	W5ATM
	17,950	Bobby Earl Evans	W5QAN	Garland, TX	Frank Lester	W5ATM
	17,951	Sidney Ray Jackson	K5RBT	Dallas, TX	Frank Lester	W5ATM
	17,952	David M. Cruce	KC5VW	Abilene, TX	Ted Heithecker	W5EJ
	17,953	Carl B. Hayes	NN5I	Richardson, TX	Frank Lester	W5ATM
	17,954	Roger T. Scaggs	W5EBC	Austin, TX	Frank Lester	W5ATM
	17,955	Harold E. Roby	K5JMI	San Antonio, TX	Louis Kocurek, Jr.	W5VIV
	17,956	Malcolm L. Waugh, Jr.	ND5D	Texas City, TX	Frank Lester	W5ATM
	17,957	James R. Craig	W5ALM	Argyle, TX	Frank Lester	W5ATM
	17,958	Thomas B. Davis	W5SIB	Houston, TX	Frank Lester	W5ATM
	17,959	Thomas C. Finney	KA5HCA	Dallas, TX	Frank Lester	W5ATM
	17,960	Ed Johnson	W5NIT	Ft. Worth, TX	Frank Lester	W5ATM
	17,961	Claude C. "Bill" Elkins	W5ALS	Dallas, TX	Frank Lester	W5ATM
	17,962	Paul R. "Bo" Kirschchen	K5IRV	Houston, TX	Frank Lester	W5ATM
	17,963	Clifford T. Meadows	K5DSV	Rhome, TX	Frank Lester	W5ATM
	17,964	Gary Fellers	K5LQP	Denton, TX	Frank Lester	W5ATM
	17,965	Fred J. McClain	N5DRZ	Sanger, TX	Frank Lester	W5ATM
	17,966	Clarence Phillips	W5BV8	Denton, TX	Frank Lester	W5ATM
	17,967	Bertram D. Aaron	WA2IEI	East Hills, NY	Frank Lester	W5ATM
	17,968	Richard R. Pooley	W7HUY	Beaverton, OR	Marvin E. Johnston	W7ACP
	17,969	Gary William Fagan	KD7IQ	Blaine, WA	-	-
06-12-84	17,970	Chas. A. Pennington, Jr.	K4FRM	Harlem, GA	Richard Ralston	K4FRM
06-13-84	17,971	Richard H. Schellhorn	KØAFK	Plano, TX	-	-
	17,972	Harold Bulmahn	W5DSG	Waco, TX	G. M. Erickson	W5POG
	17,973	Herb B. Ridgley	K4GGX	Miami, FL	John Porter	W4KGJ
	17,974	Keith S. Champlin	WØMCY	Minneapolis, MN	-	-
	17,975	Randall A. Stegemeyer	W7HR	Port Orchard, WA	-	-
06-15-84	17,976	Edgar G. Hultman, Jr.	N2BYN	Fresh Meadows, NY	-	-
06-18-84	17,977	Ted M. Marks	W2FG	Kendall Park, NJ	Jerry Powell	W2OJW
	17,978	Joel I. Kandel	KI4T	Miami, FL	John Porter	W4KGJ
	17,979	Herbert E. Chase	W6IPQ	Chula Vista, CA	W. P. "S." Morrison	W6OSD
	17,980	Phil Krichbaum	WØKEA	Vail, CO	Robert N. Jensen	WØWLW
	17,981	Edward B. Wright	WØLJF	Aurora, CO	-	-
06-19-84	17,982	Irvin Furman	KØPGU	Denver, CO	-	-
	17,983	Abraham Susi	4X4MP	Herzlia, Israel	Zvi Osrin	4X4CW
	17,984	William S. Watson	N6HLO	San Diego, CA	Joseph Saugier	K6CD
	17,985	Vascoe Whatley, Jr.	W4GOJ	Allendale, SC	-	-
	17,986	Sally C. Ferguson	W4AGX	Waynesville, NC	C. C. Anderson	K4VN
06-21-84	17,987	Fred J. Pharo	W4DA	East Point, GA	Wendell Cushing	W6FQ
	17,988	Donald L. Wolverton	N6JLU	Santa Ana, CA	Herb Gleed, Jr.	-
06-22-84	17,989	Edmund J. Wanamaker	KB2ZZ	New Hartford, NY	-	-
	17,990	Douglas E. Benner	WB2NJH	Martinsville, NJ	John W. Richardt, Jr.	W2WIY
	17,991	Anthony A. Vitolo	WB4BUU	Snellville, GA	-	-
06-25-84	17,992	Ted H. Huddle	W4CID	Centerville, OH	-	-
	17,993	Roger S. Whitlock	WA2WQS	Fanwood, NJ	Carl A. Felt, Jr	N2XJ
	17,994	Gunther Schmidbauer	OE5DI	Linz, Austria	-	-
	17,995	Nevio Faccini	I3BRN	Padova, Italy	Richard Teyrowsky	OE8RT
	17,996	Karl Hoefner	OE3OE	Klosterneuburg, Austria	-	-
	17,997	Josef Safka	OE1SJ	Vienna, Austria	-	-
06-26-84	17,998	William E. Willenbaker	WA2JWL	Valatie, NY	-	-
	17,999	William Chambers	KØVBD	Wichita, KS	-	-
	18,000	Mariana W. Armstrong	WB1DJL	Windsor, CT	-	-
06-27-84	18,001	Edmond F. O'Brien	W2SZY	Clifton, NJ	-	-
06-29-84	18,002	Larry P. Willoughby	W4TWZ	Durham, NC	Ward Atherton	W4RVE
	18,003	Richard L. Brocaw	K5VYT	Bosque Farms, NM	-	-
07-10-84	18,004	Richard P. Hogue	KB6FIC	San Pedro, CA	O. F. Dedrick	W6HGK
	18,005	James E. McCobb, Jr.	K1LLU	Boxford, MA	-	-
	18,006	R. Dean Sever	W8IM	Leesburg, FL	Warren Brookin	W4WGR
	18,007	Calvin C. White	W8ZHN	Charleston, WV	Albert H. Hix	W8AH
	18,008	James Wallace Smith	K8PJH	Portsmouth, OH	-	-
	18,009	Dorothy R. Brown	K7ESA	Phoenix, AZ	Ruby LaRue	W7JZA
	18,010	Alan S. Christinsin	WØNXX	Belleville, IL	Mike Eyman	WØXM
	18,011	Paul S. Zonderman	W2ILM	Schenectady, NY	-	-
	18,012	Charles G. Murphy	WZ4T	Clearwater, FL	Lynn Lewis	K4PG
	18,013	G. Donald Steele	W1NFG	Cheshire, CT	Milton E. Chaffee	W1EFW
07-11-84	18,014	Caesar B. Garcia	W5LZR	San Antonio, TX	William Heiners	-
	18,015	Anna L. Arnholt	K9RXK	Elizabethtown, IN	-	-
	18,016	Francis G. Arnholt	W9SIO	Elizabethtown, IN	-	-

Members Newly Enrolled in QCWA

18,017	Joseph T. Celentano	K6LLD	Northridge, CA	-	-	
18,018	Louis W. Smith	W5IFI	Wichita Falls, TX	Charles Neal	W5NRI	
18,019	Duane D. Hewitt	N7FST	Salem, OR	-	-	
18,020	August J. Asor	W1JAK	Hamden, CT	Milton E. Chaffee	W1EFW	
18,021	Walter L. Brink	W3WPY	Stevensville, MD	T. Allen Phillips	W3DOG	
17,022	Harold De Vaughn	W4FIZ	Columbus, GA	E. J. Kosobucki	K4JNL	
18,023	Carl A. Schultz, Jr.	KA6KWB	Rancho Cordova, CA	-	-	
18,024	Vail Schermerhorn	N7CHF	Portland, OR	-	-	
18,025	Richard E. Powell	NF5Z	Houston, TX	-	-	
18,026	James Nye	K6GCF	Big Bear City, CA	Tord Berg	N6GOT	
07-13-84	18,027	Leola M. Beatty	K7GAT	Phoenix, AZ	-	-
	18,028	Walter E. Beatty, Jr.	K7DNN	Phoenix, AZ	-	-
07-17-84	18,029	James J. Kramer	NCØH	Melrose, MN	-	-
07-18-84	18,030	Heinz Liebe	DJ2QX	Bremen, FRG	-	-
07-20-84	18,031	Ralph J. Eschborn	N6ADJ	Los Angeles, CA	N6GOT and W. C. Hawley	W6ZRZ
	18,032	Joseph A. Russo	N9TC	Godfrey, IL	-	-
	18,033	John Goodyear	W6HVB	Riverside, CA	-	-
	18,034	David B. Olson	KL7K	Anchorage, AK	Charles H. Sappah	KL7PJ
	18,035	Ronald J. Ackerman	K2VAC	Oakland, NJ	-	-
	18,036	Denny Frey	K8NIB	Canton, OH	-	-
	18,037	Robert Lee Hagan	K4OZQ	Louisville, KY	-	-
07-23-84	18,038	Bertram A. Hubbard	K1GHL	Windsor Locks, CT	Dutch Kent	K1AOX
	18,039	Clyde J. Burt, Jr.	W5MEB	Las Cruces, NM	-	-
	18,040	Earl L. Finnessey	WD6ESE	Ridgecrest, CA	Tord Berg	N6GOT
	18,041	Philip Ray Bonner	W6RIU	Los Angeles, CA	Bert Ayres	W6CL
	18,042	Joseph J. De Sousa, Jr	W1OFK	Plymouth, MA	-	-
	18,043	Theodore J. Seitzer	W2FJH	Sag Harbor, NY	-	-
	18,044	Eugene "Gene" A. Freeman	W7AVC	Seattle, WA	Herb Aukland	W7AUK
	18,045	Bernard W. Marschner	WØEYN	Ft. Collins, CO	-	-
	18,046	Carl B. Snyder	W7RLL	Great Falls, MT	Arthur L. Jacques	W7BOZ
	18,047	William R. Fagan	KB2QO	Lake Hopatcong, NJ	Carl A. Felt, Jr.	N2XJ
07-24-84	18,048	Thomas B. J. Atkins	VE3CDM	Willowdale, ONT	Harry K. Dannals	W2HD
	18,049	Edwin J. Narwid	WA2OAF	Ringwood, NJ	WorldradioNews column	W6BDE
07-25-84	18,050	Myrtle R. Cunningham	WA61SY	E1 Segundo, CA	-	-
	18,051	Arthur L. Stewart	W6BOS	Fallbrook, CA	Wes Randles	W4COW
	18,052	William G. Dudley	N5EWL	Houston, TX	-	-
07-26-84	18,053	Tom Cross, Jr	K8DSD	Akron, OH	O. Garock	K8BYR
	18,054	Alfred J. Fromm	AL7C	Anchorage, AK	Charles H. Sappah	KL7PJ
	18,055	Paul Torraca	K2MFN	Coram, NY	-	-
07-27-84	18,056	Walter R. Marten	W7KUH	Great Falls, MT	Arthur L. Jacques	W7BOZ
	18,057	Raymond E. Andrews	KØLZR	Pierceville, KS	Rod Hogg	KØEQH
	18,058	Calvin E. Jones	KS7B	Lebanon, OR	-	-
07-31-84	18,059	A. T. Bower	K1NZW	Niantic, CT	Stuart Meyer	W2GHK
	18,060	Ralph P. Ulrich	K7UVK	Big Arm, MT	-	-
	18,061	Beatrice A. Dietz	WA2GPT	Valley Stream, NY	-	-
08-1-84	18,062	Richard T. Knadle, Jr.	K2RIW	Dix Hills, NY	W2HD,	W2JGR
	18,063	Eugene E. Pentecost	KG6EX	Anaheim, CA	Tord Berg	N6GOT
	18,064	Lawrence B. Tidmore	K4KMQ	Gadsden, AL	-	-
08-3-84	18,065	Ray H. Husher	W5EW	Winnsboro, LA	-	-
	18,066	Jules Verne Laswell	K7HIZ	Eugene, OR	Jim Walsh	W7LVN
	18,067	Earl R. Plumb	KL7EQX	Anchorage, AK	-	-
08-06-84	18,068	Christopher P. Harewood	KC2DP	Bay Shore, NY	W2JGR, W2HD,	K2RIW
	18,069	Robert P. Hunter	W3GA	State College, PA	-	-
	18,070	John L. Sielke	N4JS	Meridian, MS	-	-
08-07-84	18,071	Norman Wesler	K2YEW	Dix Hills, NY	Harry Dannals	W2HD
	18,072	Richard H. Maddux	K6BWX	Santa Rosa, CA	-	-
	18,073	Donald A. Crisp	W7ZNN	Spokane, WA	William F. Moore	W7ZLI
08-09-84	18,074	Kenneth C. Johnson	WA2IVQ	Newton, NJ	Robert D. Turrell	W2UWD
	18,075	Francis L. Culp, Jr.	WAØTPC	Denver, CO	-	-
	18,076	Bruno Grindel	DJ5UA	Frankfurt, FRG	Gerhard Jacoby	DL3ME
08-16-84	18,077	Elmer F. Hatch	WØKLB	Grand Island, NE	John McKinney	WØAP
	18,078	Charles Richard "Dick" Hewson	W1HJP	Jefferson, ME	Wes Randles	W4COW
	18,079	Max N. Blackwell	K3PZS	Wernersville, PA	Edward DeFrees	WB3KCD
08-08-84	18,080	Hans Breuer	OE5BJ	St. Marienkirchen, Austria	Emmerich Rath	OE3RE
	18,081	Jay O. Serrill	K5MGY	Galveston, TX	-	-
	18,082	James C. Lafferty	W3MXS	Upper Black Eddy, PA	John McKinney	WØAP
08-10-84	18,083	Ronald E. Doty	KAØBJP	Grand Island, NE	Bob Brenneman-WØUQJ and WØGFQ	WØGFQ
	18,084	Don Kavalec	NØCCT	Omaha, NE	-	-
	18,085	William V. Peterson	K9OWQ	Tinley Park, IL	-	-
08-11-84	18,086	Christian Vinson, Jr.	W2GJJ	Honesdale, PA	-	-
	18,087	L. Dale Scott	WA6FAR	Rialto, CA	Tord Berg	N6GOT
	18,088	Joseph M. Skraba	W8ZSD	Parma, OH	Clyde C. Rothstein	W8QHM
08-12-84	18,089	Patrick E. Clark	W1DLW	Avon, CT	-	-
	18,090	Kenneth Hallstrom	W1FMU	Stratford, CT	George Spamer	W1DPR
	18,091	L. David Shallenberger	K6VHP	Sunnyvale, CA	Leo I. Meyerson	WØGFQ
08-13-84	18,092	Guy A. Navarro	WD5GIV	Alexandria, LA	J. Warren Aubin	K5DVQ
	18,093	Earl McClellan	W6PWC	San Mateo, CA	Russ Estep	W6AVC
	18,094	Thomas J. Graham, Jr.	WB4WII	Swansboro, NC	-	-

Members Newly Enrolled in QCWA

18,095	Carol Cooper	KC0GM	Cedar Falls, IA	-	-
18,096	Jerry P. Metz	W3BRZ	Cavetown, MD	John Kanode	N4MM
18,097	Chauncey Van Alstine	W2IWI	Cobleskill, NY	Howie Maguire	W2AAO
18,098	Bill Stevenson	W9LDF	Madison, WI	Harry C. Eckland	W9SKX
08-17-84	18,099 Eugene R. Santoski	K9UTQ	Wisconsin Rapids, WI	-	-
	18,100 Willis "Terry" Bird	W4WUL	Marianna, FL	-	-
	18,101 Peter J. Savasta	W2RPJ	Hudson Falls, NY	Henry L. Schultz, Jr.	KA3GXP
08-20-84	18,102 Everest McDade	W4DYW	Arden, NC	H. J. Mills	K4HU
	18,103 Paul J. Seltzer	W6BDH	Lakewood, CA	Herbert J. Gleed	W6FQ
	18,104 H. David Leiser	K3NPW	Monaca, PA	George Moore	W3PFD
	18,105 Elden C. Miller	W0KVM	Lincoln, NE	-	-
08-21-84	18,106 Lloyd S. Westbrook, Jr.	K4HQI	Carnesville, GA	-	-
	18,107 Carleton M. Dane	W1FXK	El Paso, TX	Lew McCoy-W1ICP and	W7LVN
08-24-84	18,108 David V. Rogers	N4JGQ	Reston, VA	-	-
	18,109 Douglas M. Macheel	K6HLE	San Jose, CA	-	-
	18,110 Dennis W. Ventler	KC9GJ	Bartlett, IL	Leo I. Meyerson	W0GFQ
08-25-84	18,111 Charles Francis Pasquier	W5LWE	Shreveport, LA	-	-
	18,112 Wilbur R. Grubbs	K0SCN	Fremont, NE	-	-
	18,113 Edward M. G. Rankin	W4ZUS	Durham, NC	-	-
	18,114 Neil G. Gordes	K1AAS	Rocky Hill, CT	Alexander Cohen	W1FXQ
	18,115 Sidney D. Giber	W1WYM	Bloomfield, CT	-	-
	18,116 Samuel E. Umans	W8JHI	Erie, PA	Evelyn Baker-W3JQV and	W3YWL
08-25-84	18,117 Harry A. Searles	KL7JHX	Valdez, AK	-	-
	18,118 George I. Hanrahan	WA2HWG	Utica, NY	-	-
08-28-84	18,119 Jack H. King	K5DWD	Tijeras, NM	-	-
	18,120 George H. Mess	WA2GGJ	Niagara Falls, NY	Howard A. Seyse	W2KZ
	18,121 Frank E. Dawson	K4PQW	Rocky Mount, VA	Phil Wicker	W4ACY
08-30-84	18,122 Willard R. Ballou	W1BTU	Southington, CT	K. A. Fichthorn	N1AB
	18,123 George J. Freund	W5QMI	La Jolla, CA	Tord Berg	N6GOT
	18,124 Kermit W. Lehman	AB1J	Waltham, MA	-	-
	18,125 David B. Lannes	N6KWM	Visalia, CA	-	-
08-31-84	18,126 Robert L. Oswald	WA2AIW	Clifton, NJ	Ralph Hasslinger	W2CVF
	18,127 Louis A. Stewart	K5DYG	Spicewood, TX	-	-
09-03-84	18,128 Rita Callahan	K3AES	West Springfield, PA	Evelyn Baker	W3JQV
	18,129 Paul Callahan	K3AER	West Springfield, PA	Evelyn Baker	W3JQV
09-04-84	18,130 Albert D. Abercrombie	W2GJS	Upper Marlboro, MD	Howard Seyse	W3CKK, W2FUP
	18,131 George L. Krickovich	W2YJ	Lancaster, NY	W2KZ	-
	18,132 Edward J. Murphy	W1LO	Newport, RI	-	-
	18,133 Philip E. Broeg	W1HBB	Burlington, MA	Onie Woodward	W1ZEN
	18,134 Eugene D. Worth	W0AGU	Fort Collins, CO	-	-
	18,135 Johannes Willers	DL1NM	Nurnberg, FRG	-	-
	18,136 Reinhard Richter	DJ1KM	Springe, FRG	-	-
	18,137 Wolfgang Schaeling	DL9MP	Niedersachsen, FRG	-	-
09-06-84	18,138 Robert P. Marsh, Jr.	W1JVC	Wilton, CT	Arthur S. Lake	W1YOL
	18,139 Eugene E. Johnson	K6HLU	San Diego, CA	Tord Berg	N6GOT
	18,140 Barrie L. Schwartz	W3ENL	Camp Hill, PA	-	-
	18,141 Edward W. Voigtman	W9GSS	Wisconsin Rapids, WI	Joe T. Knight	K9UTQ
	18,142 Robert Q. Fugate	W8GY	Albuquerque, NM	Herb Gleed	W5PDY
	18,143 Matsunori M. Kozawa	KW6F	Long Beach, CA	Bob McKinley	W6FQ
	18,144 Arthur Klein	K4HGW	Hazlet, NJ	John E. Schlueter	W20MR
	18,145 Carter Ross Alexander	K8DOT	Dayton, OH	Wendell Jackson	W3WW
09-07-84	18,146 Frank G. Mullins, Jr.	W3BOU	Severna Park, MD	John Bruemmer	W5LVE
	18,147 J. E. Rutledge	K5UKN	San Antonio, TX	-	-
	18,148 David F. Barnard	W7LSV	Tualatin, OR	-	-
	18,149 Dwight C. Baum	W6FRB	San Marino, CA	-	-
	18,150 Charles Robert Gordon	KI4JP	New Port Richey, FL	Ted Heithecker	W5EJ
	18,151 Tiger L. Nietmann	WB5MRB	Dallas, TX	Ted Heithecker	WSEJ
	18,152 Lester M. Biederman	KA8TFA	Traverse City, MI	William Duckwitz	-
	18,153 Edmund J. Mierz	W1FUW	Middletown, CT	Milton E. Chaffee	W1EFW
	18,154 William F. Bennett	W5SEK	Helotes, TX	-	-
	18,155 Dennis R. Clark	K7JRA	Eugene, OR	-	-
09-14-84	18,156 Elias K. Andritsakis	KC2CL	Oswego, NY	Robert L. Rooney	W2AET

Special Notice: The QCWA Board of Directors took action to initiate a QCWA Building Fund at its Hartford meeting. Tax exempt gifts may be made to this fund which will grow and eventually make possible establishment of a permanent home for QCWA Headquarters. Send your gifts to HQ marked "Building Fund." A future issue of QCWA NEWS will outline plans which are, at this time "Long Range".

NEWS ON ROLLIE TERRILL:

Many members have written to Rollie while he has been ill. So many that he'll never be able to answer you personally. He thanks you all for your care and thoughtfulness. Rollie is now at home, having recovered from major surgery. He is working for us on records, has his own computer terminal, and while generally forced to stay in a wheel-chair, is doing well. He's looking forward to the day when he can come out to the office for a day's work! We're looking out for that day too!



Don Wallace, W6AM receives his QCWA HALL OF FAME Award from Stuart Meyer, W2GHK, at Windsor Locks, CT.

1984 CONVENTION PIX

At left, Gladys Chase, W1VPF; Stuart Meyer, W2GHK and Milton Chaffee, W1EFW. Stuart made a presentation of a letter of commendation to the co-chairmen of the Windsor Locks 1984 QCWA Convention. The Convention was truly a fine event and enjoyed by all who were able to attend!



Pix by Walsh, W7LVN

Here, Buelah Barrick, W6NLW receives a Meritorious Award from Esther Given, W6BDE.

Shown above are some of the highlights of the Windsor Locks QCWA 1984 Convention....There were many more but time and space have done us in. Thanks to everyone!

HEADQUARTERS COMMENT

What with the 1984 Convention, preparation of the Winter News, and with other busy activities, we have not yet completed our survey of QST material we have received from members. Much of the work is done, but not all. We expect to get into that during the upcoming holiday season.

We have received a fine bundle of QCWA material. George Apfel, W2GHV, has given us a group of very old QCWA NEWS and several old directories. We expect to inventory these and add them to the QCWA Archives.

Eddie Rainey, W3FDM gave us two bugs a pair of headphone (Utah) and a full set of lessons of the Candler System for learning high-speed code. It is expected that these will be bound to protect them and will be a part of QCWA property. We wish to thank both George and Eddie for these gifts.

—Thoughts on Life—

The more you give
The more you get -
The more you laugh
The less you fret -
The more you do
Unselfishly
The more you live
Abundantly.
The more of everything
you share,
The more you always
Have to spare -
The more you love,
The more you'll find
That life is good
And friends are kind.
For only what
We give away,
Enriches us
From day to day

Helen S. Rice

Most people are as happy in this life as they will permit themselves to be

Mark Twain

I love a finished speaker,
I really truly do.
I don't mean one that's finished,
I just mean one that's through.

Anon

Compiled by: Wade Holland, W4AZT

Nominating Committee Report

The 1984 QCWA Nominating Committee was Chaired by Frank Lester, W4AMJ, was assisted in the work by Art Miligan, W8KW and others who worked to bring about a full slate of candidates.

After carrying out the work, Frank and Art offered suggestions which might make it easier for those who follow: It was suggested that chapters throughout the entire QCWA Family consider those of their members who could and would serve if elected and that the individual Chapters make their possible candidates known to the official Nominating Committee early so that there will be time to contact each, and to line up a slate of candidates whereby there can be two or more for each position open in the election. Likewise, Officers and Directors who visit chapters around the country should provide a list of possible candidates to the nominating committee so that truly wide-area representation on the Board can be offered to the membership for voting.

The OFFICERS AND BOARD of QCWA want to thank Frank and Art for their efforts, and urge members within the chapters to nominate, by petition, candidates for any or all offices. A petition must be signed by 50 members and must be mailed no later than December 31, 1984, to the Secretary (W7LVN) of QCWA.

Candidates who have signified their willingness to serve, if elected, and who have been nominated by the Committee are:

President: Leland Smith, W5KL

Vice President: Ethel Smith, K4LMB

Secretary: Jim Walsh, W7LVN

Treasurer: Wes Randles, W4COW

For the Office of Director:

Leo Meyerson, WØGFQ*; Larry Evans, W2BBK; Gerhard Jacoby, DL3ME*;

Jim Gundry, W4JM

Lou Sieck, K4NE

*Incumbent

QCWADS

QCWADS ARE SPECIAL, LOW COST ADS ACCEPTED FOR PUBLICATION IN QCWA NEWS SUBJECT TO THE FOLLOWING RULES.

No special layouts, all copy is re-typed by Headquarters. Time permitting, proof copies will be mailed before publication. One column inch refers to original copy, which will reduce to three quarters of an inch in the NEWS.

RATES

Column Inches	1 Time	3 Times
1	\$3.00	\$7.50
2	\$5.00	\$12.50
3	\$7.00	\$17.50

SAROC JANUARY 1985; DUE TO UNAVOIDABLE CIRCUMSTANCES AND SCHEDULING, SAROC IS CANCELLED BY SNARC, POB 945, BOULDER CITY, NV 89005-0945. HOPE TO SEE YOU AT SAROC IN JANUARY, 1986.

L. M. Norman, W7PBV
Chairman

QCWA CAPS - Top Quality mesh-back "Baseball" caps. Brilliantly imprinted with QCWA logo on front. These are best grade caps you will be proud to wear. Can be washed & dried, still retain shape & imprint. Special \$5.00 plus \$1.50 postage/handling. Limited production, Write:

Ed Howell, W4SOD
Box 73-0
Folly Beach, SC 29439

WANTED: A copy of the "Phillips Code" book issued by Vibroplex Co. about six years ago, now out of print; or photocopy of the arabic & Spanish Morse code equivalents contained in it

Julian S. Lorenz, KE6VL
2291 Notre Dame Blvd
Chico, CA 95926

We have received a letter from Warren Snyder, W6RDL, with respect to the growing practice of "mentally disturbed" hams to cause interference to others maliciously. Warren had suffered through a particular "jammer scene" and was finally able to get a fair bearing, reaching the conclusion that the interfering signal (to the QCWA Sunday Afternoon Net) was in the New York City area. Warren made a call to the F. C. C. monitoring facility near Atlanta and asked that they make an effort to determine the location of the "jammer". We do not know the outcome of their work but since the problem doesn't seem to abate, perhaps we should begin to make efforts to identify them ourselves, and should Senator Goldwaters bill, S-2975 become law, have a means to put an end to the problem.

Attached you will find a list of F. C. C. monitoring stations, their location and telephone numbers. Please use them....if we can bring just one of these "scare-crows" to justice, it starts a trend.

THE FOLLOWING SUPPLIES MAY BE PURCHASED BY QCWA MEMBERS

QCWA Lapel Pin, Gold plated, with call engraved (Clutch pin, pin clasp or screw button types)	\$7.00*
QCWA Lapel Pin, 50-Year, clutch type only	\$7.00*
QCWA Lapel Pin, 55-Year, clutch type only	\$7.00*
QCWA Lapel Pin, 60-Year, clutch type only	\$7.00*
QCWA Lapel Pin, 65-Year, clutch type only	\$7.00*
QCWA Lapel Pin, 70-Year, clutch type only	\$7.00*
Blazer Emblem 3 x 4 inch, embroidered	\$3.50*
450 Red QCWA Stamps, Regular membership	\$2.75*
450 Gold QCWA stamps, Life Membership	\$3.75*
240 Yellow, 50 Years in Amateur Radio Stamps	\$2.00*
QCWA Logo on rubber stamp	\$5.00*
QCWA automobile decal	\$0.50*
QCWA Life Membership pin	\$5.00*

*Prices for domestic members, International QCWA members to add \$0.50 for added postage costs...

QCWA BANNERS, 30 x 48 inch, Storm King Cotton
\$100 cost shared with QCWA National

\$50.00

ORDER BLANK

QCWA Inc
1409 Cooper Drive
Irving, TX 75061

Date _____

Please send the following supplies:

_____ \$ _____
_____ \$ _____
_____ \$ _____

Send to: _____ Name _____ Call _____ QCWA No. _____

Address: _____ Street _____ City _____ State _____ Zip _____

Note that supplies cannot be issued to ineligible members, that is, 50-year pins can only be issued to members who have been awarded a Golden Certificate, etc.

QCWA, Inc.

1409 Cooper Drive
IRVING, TX 75061

Allegan, MI	616	673	2063
Anchorage, AK	907	243	2153
Belfast, ME	207	338	4088
Douglas, AZ	602	364	2133
Ferndale, WA	206	354	4892
Ft Lauderdale, FL	305	473	9845
Grand Island, NE	308	382	4296
Kingsville, TX	512	592	2531
Laurel, MD	301	725	3474
Livermore, CA	415	447	3614
Powder Springs, GA	404	943	5420
Sabana Seca, PR	809	784	3772
Walpahu, HI	808	677	3954

If QCWA members are interested, we will present a story on a small antenna which may be used for the purpose of DF. Remember, DF on the high-frequencies is not a pin-point matter, due to propagation vagaries and reflections, etc. Never-the-less, with care, and a goodly number of stations participating, it might just be possible to snare one of the "weasels" in the group. Let us hear from you in this regard.